

100 - 5 1264

May 21, 1980

United States Department of the Interior  
Bureau of Land Management  
222 North 32nd Street  
P. O. Box 30157  
Billings, Montana 59107

Attention: Ms. Cynthia Embretson  
Minerals Adjudication Section

Re: Montana 065500  
(943.9)

Dear Ms. Embretson:

We are attaching various documents which I believe, will satisfy your requirements regarding the extension of coverage of our Nationwide Oil & Gas Bond number 85-16-06 as set forth in your letter of May 14, 1980.

We are returning the original endorsement adding Fin-Oil Inc. as a co-principal to this bond.

Please advise if additional information is required.

Yours very truly,

Atwell Tessman  
Corporate Insurance Administrator

AT:gs

Attachments

cc: Messrs. C. W. Shouse, Jack Caddell, F.M. McIntosh(Seaboard)



Sec 28

## AMERICAN PETROFINA COMPANY OF TEXAS

1625 BROADWAY STREET • SUITE 1600 • DENVER, COLORADO 80202 • TELEPHONE (303) 623-7542

September 7, 1984

Richard D. Poulson  
7069 S. Highland Drive, Suite 201  
Salt Lake City, Utah 84121

RE: Application for Permit to Drill  
Uintah County, Utah

Dear Mr. Poulson:

This letter shall evidence our approval and authorization for you to sign drilling permits and associated documents on behalf of American Petrofina Company of Texas for the APCOT Federal #28-1 and APCOT State #32-1 wells in Sections 28 and 32 of T6S, R21E, Uintah County, Utah.

Very truly yours,

A handwritten signature in dark ink, appearing to read "John L. Davis".

John L. Davis  
District Landman

JD/rb

28-1 1820 SL 657WL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1A. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## 1B. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

American Petrofina Company of Texas

## 3. ADDRESS OF OPERATOR

1625 Broadway Street, Ste. 1600, Denver Colorado 80202

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1820' FSL &amp; 657 FWL

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 30 miles to Vernal Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any)

500'

## 16. NO. OF ACRES IN LEASE

40

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

0

## 19. PROPOSED DEPTH

8850' Wasatch

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4961' GR.

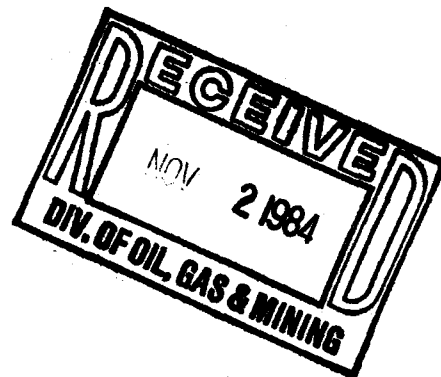
## 22. APPROX. DATE WORK WILL START\*

Nov. 1984

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	400	to surface as required
7 7/8	5 1/2	17	TD	top Green River as required

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MININGDATE: 11/5/84BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

Richard D. Paulsen

TITLE

Consultant Geologist

DATE Sept 15 1984

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

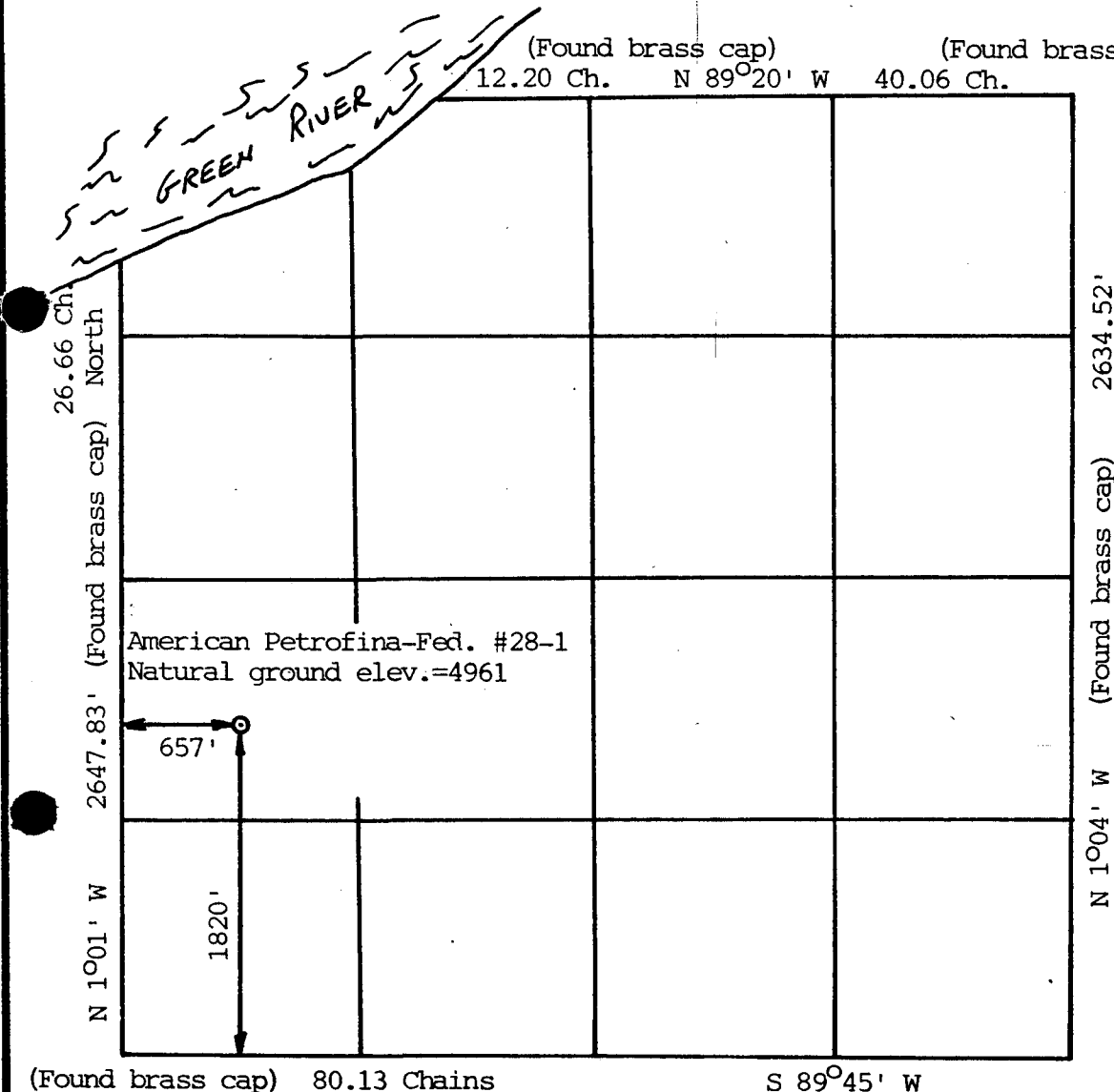
DATE

CONDITIONS OF APPROVAL, IF ANY:

SECTION 28  
TOWNSHIP 6 SOUTH, RANGE 21 EAST  
SALT LAKE BASE AND MERIDIAN  
UINTAH COUNTY, UTAH

AMERICAN PETROFINA CO. OF TEXAS

WELL LOCATION: N.W.  $\frac{1}{4}$ , S.W.  $\frac{1}{4}$



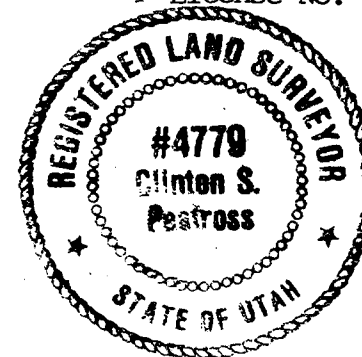
SCALE 1"=1000'

SURVEYOR'S CERTIFICATE

I, Clinton S. Peatross, Duchesne, Utah, do hereby certify that I am a Registered Land Surveyor, and that I hold License No. 4779, as prescribed by the laws of the state of Utah, and that I have made a survey of the oil well location, as shown on this plat.

Date 9/7/94

Clinton S. Peatross  
Clinton S. Peatross  
License No. 4779 (Utah)



Section data obtained from G.L.O. plat.  
Job #233

American Petrofina Co. of Texas  
10 point well program  
for  
Federal #28-1  
located in  
Sec. 28, T6S., R21E., SLB&M  
Uintah Co. Utah

American Petrofina Co.  
of Texas  
Federal #28-1  
NW SW Sec. 28, T6S, R21E.  
Uintah Co. Utah.

1. GEOLOGIC SURFACE FORMATION:  
Uinta formation of upper Eocene age
2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	Surface
Green River	3865'
Wasatch	7334'
3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:  
Green river formation  
Wasatch formation
4. PROPOSED CASING PROGRAM:  
8 5/8", J-55, 24#; set @ 400'  
5 1/2", J-55, 15.5#, STC; set at TD  
All casing will be new
5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:  
The operators minimum specifications for control equipment are as follows: A 10" series 900 Hydrill bag type BOP and a 10" double ram hydraulic unit with a closing unit will be utilized. Pressure tests of the BOP's to 1000# will be made prior to drilling surface plug and operations will be checked daily. (see exhibit A)
6. TYPE AND CHARACTERISTICS OF PROPOSED CIRCULATION MUDS:  
It is proposed that the hole drilled with fresh water to the Douglas Creek zone of the Green River formation and with mud thereafter. The mud system will be a water based gelchemical, weighted to 10.0 p.p.g. as necessary for gas control.
7. AUXILIARY SAFETY EQUIPMENT TO BE USED:  
Auxiliary safety equipment will be a Kelly cock, bit float over gas zones and a T.I.W. valve with drill pipe threads.
8. TESTING, LOGGING AND CORING PROGRAMS:  
No coring and only drill stem testing as needed has been scheduled for this well. The logging will consist of a Dual Induction Laterolog-Msf1, a compensated Neutron-formation density, an EPT-MLL and a LSS-GR.
9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:  
It is not anticipated that abnormal pressures or temperatures will be encountered; nor any other abnormal hazards such as H2S gas will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

It is anticipated that operations will commence approximately November 1984 and be approximately 20 days duration

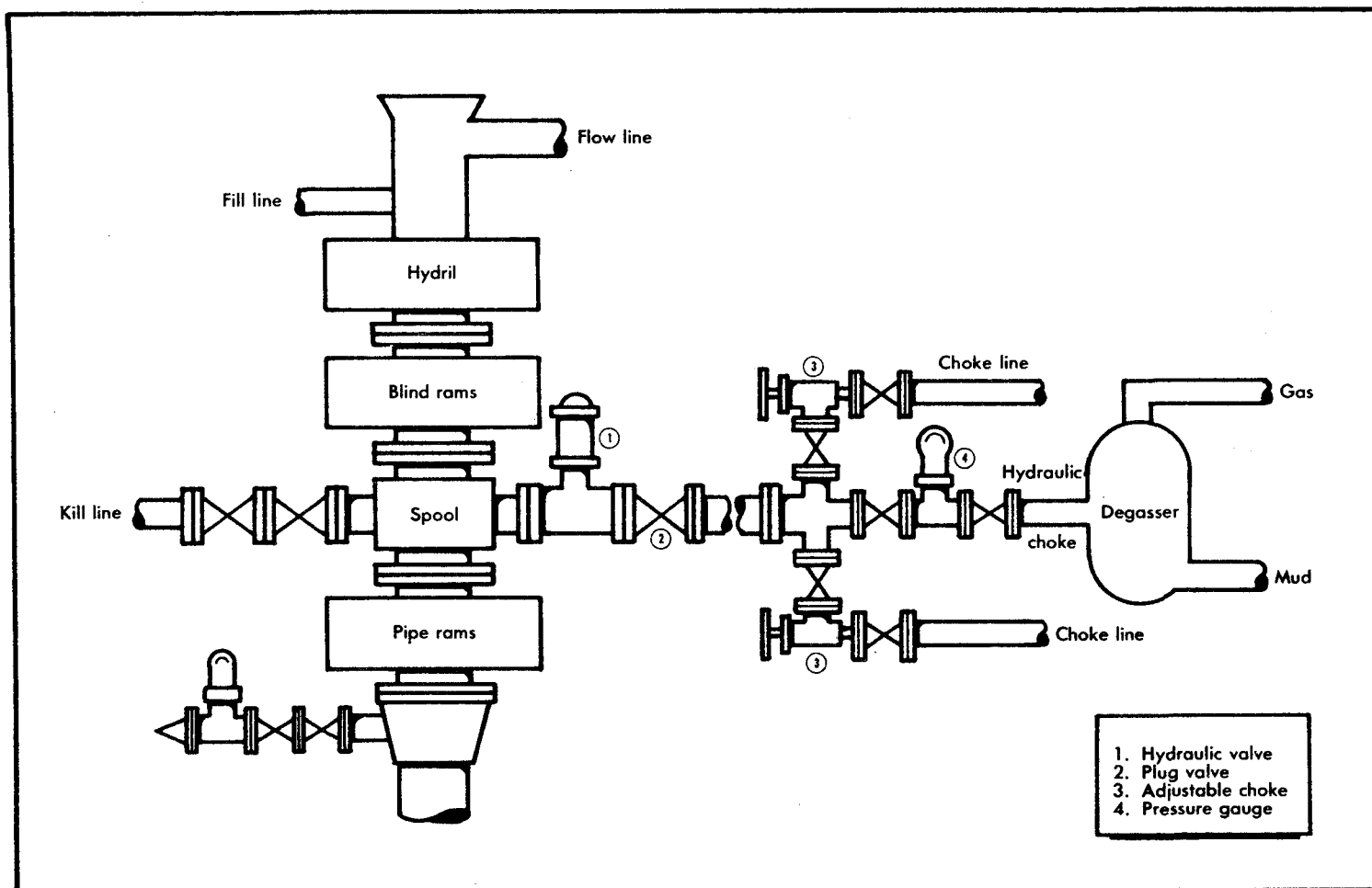
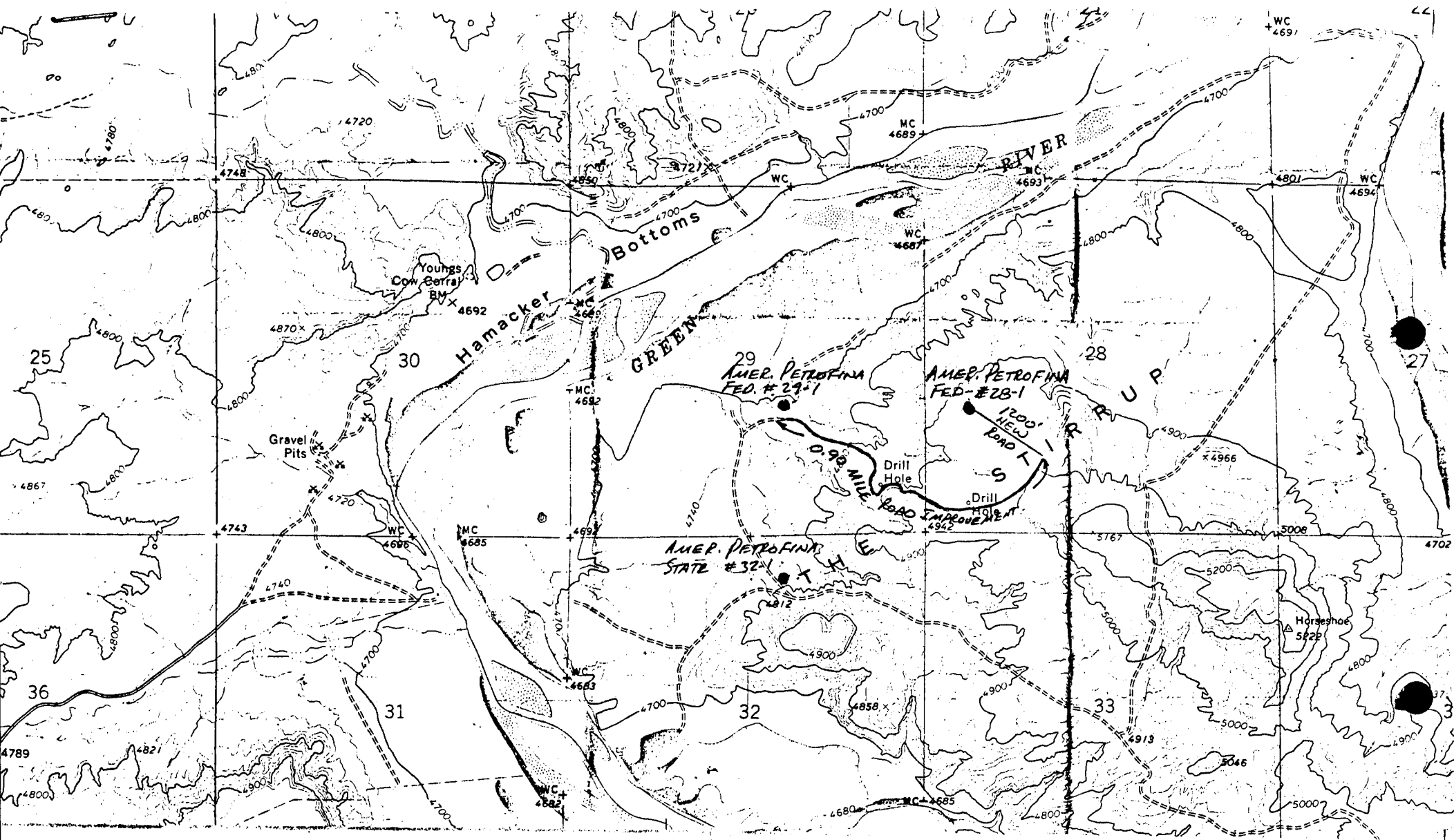


FIG. 12-1. Pressure control equipment





AMERICAN PETROFINA COMPANY OF TEXAS

13 Point Surface Use Plan

For

Well Location

#28-1 Federal

Located In

NW 1/4, SW 1/4 Section 28, T6S, R21E S.L.B & M.

Uintah County, Utah

AMERICAN PETROFINA COMPANY OF TEXAS  
#28-1 Federal  
Section 28, T6S, R21E S.L.B & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach AMERICAN PETROFINA well location site, #28-1 Federal, located in the NW 1/4 SW 1/4 Section 28, T6S, R21E, S.L.B. & M., from Vernal, Utah:

Proceed southerly out of Vernal, Utah along U.S. Highway 40 + 2.5 miles to the junction with an improved county road to south; proceed south along this road 14 miles to its junction with an existing county road which proceeds north to Jensen, Utah or south to Red Wash Field. Turn west on the Wonsits Valley Road and proceed along this road 5.5 miles to its junction with the Horseshoe Bend Field Road. Travel north-northeast + 9.1 miles to location.

U.S. Highway 40 is a bituminous surface road from Vernal to the beginning of the county road. This highway is maintained by state road crews. The county road described above is a new road that was constructed for the use of personel traveling to the Uintah Power Plant. The county road is paved and maintained by Duchesne County Forces.

There is no anticipated construction on any other of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling, completion, and production phases of this well.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

There is a short planned access road that leaves the existing road described in Item #1 in the NW 1/4 SW 1/4 Section 28, T6S, R21E, S.L.B. & M., and proceeds in a northeasterly direction approximately 1200 feet to the proposed location site.

All construction, rehabilitation, and maintenance on these roads will meet the standards set forth in the surface operating standards for Oil & Gas Exploration & Development Manual.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. Maximum width of total disturbed area will not exceed 30 feet.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There are no fences encountered along this proposed road. There will be no new gates or cattleguards required.

All operators, subcontractors, vendors, and their employees or agents will be confined to established roads and well sites.

All trees four inches or larger in diameter shall be cut and bucked into four foot lengths and neatly stacked adjacent to the access road or drill pad. All trees less than four inches in diameter will be cut and trampled by the heavy equipment.

Operators, subcontractors, vendors, and their employees or agents will not gather firewood without a duly granted wood permit.

There should be no additional fill materials required along this road. Water to be used during the construction of the road and drill pad and the drilling of the well will be purchased from state rights in the Green River.

All artifacts found on these lands shall be left in place and the B.L.M. promptly notified.

All surface and mineral rights belong to the Department of the Interior.

All trash, litter, construction materials, etc., will be kept off of the road way and drill pad. The operator will initiate procedures to keep the site free from litter and keep it groomed and in a neat and professional conditon.

Weed control will be coordinated with the B.L.M. Range Conservationist or soil scientist.

### 3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

There are no known water wells, producing wells, abandoned wells, temporarily abandoned wells, drilling wells, shut in wells, injection wells, monitoring or observation wells for other resources within a 2000 feet radius of this location site.

### 4. LOCATION OF EXISTING AND PROPOSED FACILITIES

At the present time there are no known AMERICAN PETROFINA COMPANY producton facilities, tank batteries, oil gathering lines, gas gathering lines, injection lines, or disposal lines within a one-mile radius of this location site.

In the event that production is established at this location site, all production will be contained within the area of the proposed location site. It is not known at this time what future production facilities will be required at this well site. In the event production is established, plans will be submitted to the proper authorities in detail stating the proposed containment and transportation of the produced fluids. Any area required for any future production facilities will be constructed using bull dozers, graders, and workman crews to construct and place the facilities.

If there are any deviations from the above paragraphs, then all appropriate agencies will be notified prior to construction and all necessary requests and applications will be made.

Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Item #10.

The reserve pit and that portion of the location and access road not needed for production facilities will be reclaimed within 90 days after completion with the methods described in the rehabilitation section. Stockpiled topsoil will be used in reclaiming the unused areas.

All permanent (on site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective, earthtone color to match the standard environmental colors Rocky Mountain 5 State Interagency Committee. All facilities shall be painted within six months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) are excluded.

Tank batteries will be placed on the northeast corner of the location.

Vegetation will be placed on the south side of the location.

#### 5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used in the drilling of this well will be hauled by truck or pumped directly from the Green River in Section 29, T6S, R21E S.L.B. & M. approximately 3500 feet northwest of the proposed location site.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made to acquire the water from other sources and will be hauled by truck over portions of the roads that are described in Items #1 and #2.

The local governmental agencies and any other parties involved will be notified of any deviations and all governing guidelines and regulations will be strictly adhered to.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of sandy-clay soil, gravel, sandstone and shale material gathered during the actual construction of the road and location.

7. METHOD OF HANDING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will be approximately 8' deep and at least one-half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drillings fluids, chemicals and produced fluids, etc.

The reserve pit will be lined with native clay or an 8 mil or heavier pit liner.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

All garabage and other waste material will be contained in a trash basket made of small mesh wire and will be taken to the nearest sanitary landfill for disposal upon completion of the well. No burning will be allowed.

A portable chemical toilet will be provided for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

All of the agencies shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel or liner and any other type of material necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, the top 6 to 10 inches of topsoil shall be stripped and stockpiled. (See Location Layout Sheet). When all drilling and production activities have been completed, the location site will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

The drainage re-routed during construction activities shall be restored to its original line of flow as near as possible. Fences around pits are to be moved upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest sanitary landfill.

As mentioned in Item #7, the reserve pit will be completely fenced with a wire mesh fence and topped with at least one strand of barbed wire, and wired with overhead wire and flagging installed. If there is oil in the pits, it will be allowed to dry completely before covering.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days. The operator or his contractor will notify Vernal District B.L.M. Diamond Mountain Resource Area 48 hours prior to beginning any work for restoration purposes.

When restoration activities have been completed, the location site shall be reseeded with a seed mixture recommended by the surface owner when the moisture content of the soil is adequate for germination. Prior to reseeded, the ground will be scarified and left with a rough surface. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and

performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

The access road will be blocked to prevent any vehicle use.

#### 11. OTHER INFORMATION

##### The Topography of the General Area - (See Topographic Map "B").

The area is at the east end of the Uintah Basin which is formed by the Book Cliff Mountains to the south and the Green River and Uinta Mountains to the north. The area is interlaced with numerous canyons and ridges formed in sandstone, cobblerock, conglomerate, and shale deposits.

The majority of the smaller drainages is of a non-perennial nature with normal flow limited to the early spring run-off and heavy thunderstorms of rainstorms of high intensity that last over an extended period of time and are extremely rare in nature as the normal annual precipitation is only 8".

The soils of this semi-arid area are of the Uinta Formation and Duchesne River Formation, (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structure consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poor gravels and shales and outcrops of rock, i.e., sandstone, mudstone, conglomerate, and shale.

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush, some grasses and cacti on the upper benches with cottonwoods, birch, willows, Russian Olives, and grasses along the lower levels close to the wet areas and streams.

The fauna of the area consists predominantly of the mule deer, coyotes, rabbits and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area. The area is used by man for the primary purpose of grazing domestic livestock.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

##### The Topography of the Immediate Area - (See Topographic Map "B")

#28-1 Federal sits on a hillside above the Green River which drains to the southwest. The ground slopes through the location site to the northwest at a 5.0% slope.

The immediate area around this location is vegetated by sagebrush and grasses, with sparse amounts of Juniper and Pinion Pine.



There are no occupied dwellings or other facilities of this nature in the general area.

All lands that will be damaged by this location site are on BIM lands.

It will be determined by a certified archeologist whether there are any archeological findings in the immediate area of this location site.

There are no historical, or cultural sites within any reasonable proximity of the proposed location site.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Richard Poulson for  
AMERICAN PETROFINA COMPANY  
1625 Broadway Street  
Suite 1600  
Denver, Colorado 80202  
1-801-943-0888

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and the work associated with the operation proposed herein will be performed by AMERICAN PETROFINA COMPANY and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Sept 15 1984  
Date

Richard D Poulson  
Richard Poulson

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah  
SERIAL No.: U-34711

and hereby designates

NAME: American Petrofina Company of Texas  
ADDRESS: 1625 Broadway, Suite 1600  
Denver, CO 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 6 South, Range 21 East  
Section 28: SW/4

Uintah County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

COTTON PETROLEUM CORPORATION

By: 

(Signature of lessee)

Steven J. Williams, Attorney-in-Fact  
3773 Cherry Creek Drive North, Suite 750  
Denver, CO 80209

September 4, 1984

(Date)

(Address)



## AMERICAN PETROFINA COMPANY OF TEXAS

1625 BROADWAY STREET • SUITE 1600 • DENVER, COLORADO 80202 • TELEPHONE (303) 623-7542

Sec 28

September 7, 1984

Richard D. Poulson  
7069 S. Highland Drive, Suite 201  
Salt Lake City, Utah 84121

RE: Application for Permit to Drill  
Uintah County, Utah

Dear Mr. Poulson:

This letter shall evidence our approval and authorization for you to sign drilling permits and associated documents on behalf of American Petrofina Company of Texas for the APCOT Federal #28-1 and APCOT State #32-1 wells in Sections 28 and 32 of T6S, R21E, Uintah County, Utah.

Very truly yours,

A handwritten signature in cursive script, appearing to read "John L. Davis".

John L. Davis  
District Landman

JD/rb

RECEIVED  
SEP 26 1984  
WATER RIGHTS

# FILING FOR WATER IN THE STATE OF UTAH

## APPLICATION TO APPROPRIATE WATER

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

WATER USER CLAIM NO. 49 - 1337

APPLICATION NO. T60339

1. PRIORITY OF RIGHT: September 26, 1984

FILING DATE: September 26, 1984

2. OWNER INFORMATION

Name: American Petrofina Inc.

Address: 1625 Broadway Suite 1600, Denver, CO 80202

The land is not owned by the applicant(s), see explanatory.

3. QUANTITY OF WATER: 2.0 acre feet (Ac. Ft.)

4. SOURCE: Green River DRAINAGE: SE Uinta Basin

POINT(S) OF DIVERSION:

COUNTY: Uintah

(1) S. 100 feet, E. 1320 feet, from the NW Corner of Section 28,

Township 6 S, Range 21 E, SLB&M

Description of Diverting Works: Hauled by truck to drill site

COMMON DESCRIPTION:

5. NATURE AND PERIOD OF USE

Oil Exploration From October 1 to September 30.

6. PURPOSE AND EXTENT OF USE

Oil Exploratio: Drilling of Federal 28-1 and 32-1 State (Oil Wells)

7. PLACE OF USE

The water is used in all or parts of each of the following legal subdivisions.

TOWN	RANGE	SEC	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
6 S	21 E	28		X								X							

All locations in Salt Lake Base and Meridian

### EXPLANATORY

Land is leased from the Division of State Lands. Water will be used for the drilling of 2 oil wells named Federal 28-1 (NWNE) & 32-1 State (NWSW). Water

used from a pit and recirculated. Capacity of pit is 30,000 gal. Pit will be filled three times for each well.

\*\*\*\*\*

The applicant hereby acknowledges he/they are a citizen(s) of the United States or intends to become such a citizen.

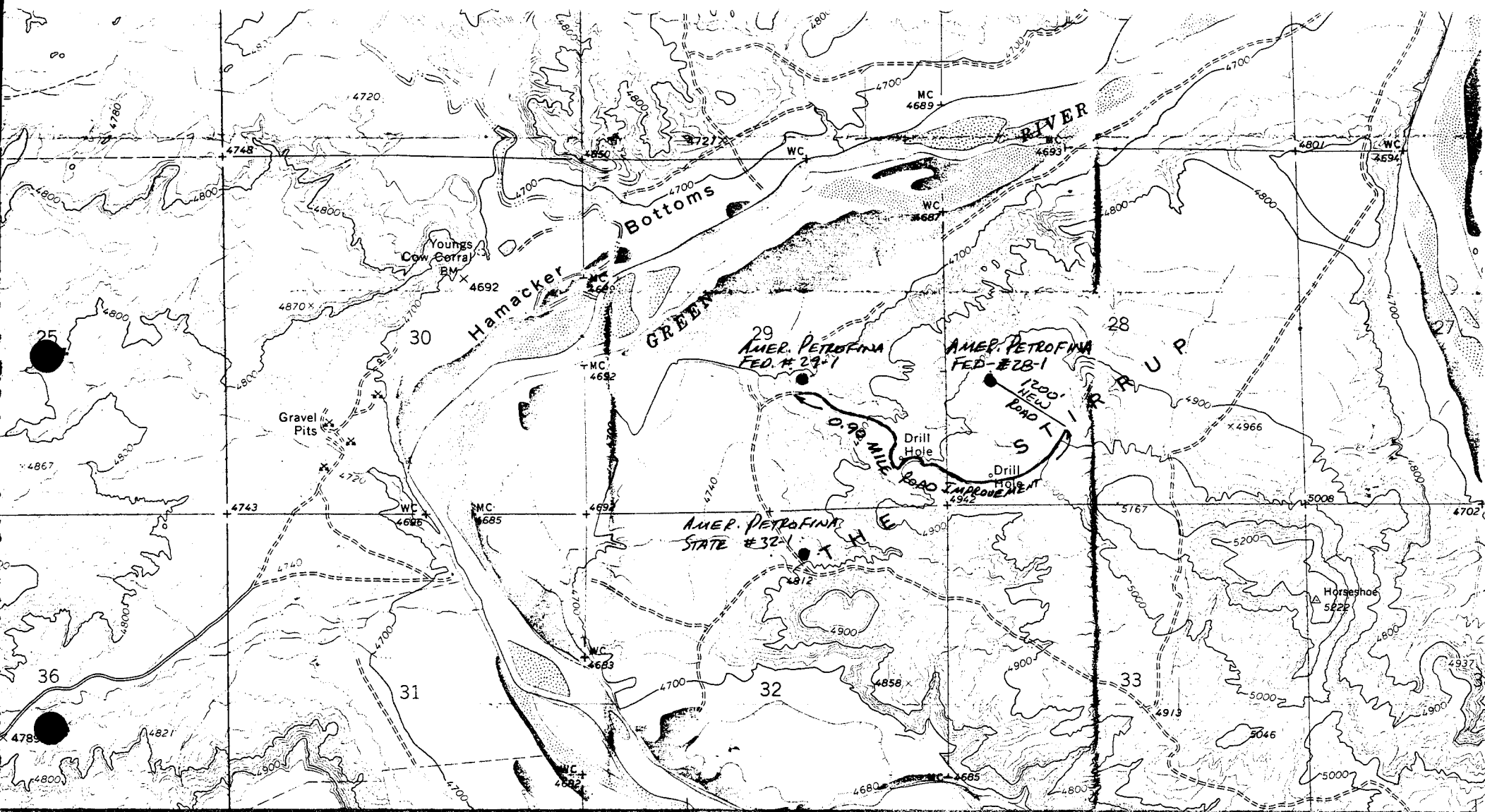
\*\*\*\*\*

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described.

\*\*\*\*\*

The undersigned hereby acknowledges that even though he/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained therein, at the time of filing, rests with the applicant(s).

Richard D. Paulson - Pepco.  
Signature of Applicant



## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Vernal, Utah  
SERIAL No.: U-34711

and hereby designates

NAME: American Petrofina Company of Texas  
ADDRESS: 1625 Broadway, Suite 1600, Denver, CO 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 6 South, Range 21 East  
Section 28: SW $\frac{1}{4}$   
Uintah County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATTEST:

HARPER OIL COMPANY, Successor by  
Merger to Buckhorn Petroleum Co.

By:

Joyce Moser  
Joyce Moser, Ass't. Secretary

By:

Stephen G. Weiman  
(Signature of lessee)  
Stephen G. Weiman, Vice President - Land

September 10, 1984

(Date)

P. O. Box 5928 T.A., Denver, CO 80217

(Address)

AMERICAN PETROFINA COMPANY OF TEXAS  
1625 Broadway, Suite 1600  
Denver, CO 80202

APCOT REPRESENTATIVES: Stan Zawistowski Leonard Hedberg  
Office: (303) 628-5962 Office: (303) 623-7542  
Home: (303) 795-5342 Home: auto call fwd  
Telecopy: (303) 623-0592

PROSPECT: Hamacker Bottoms

Bill Babyak  
Office (303) 623-5959  
Home (303) 623-7240

WELL NAME: #28-1 Federal

LOCATION: NW SW Section 28, T6S, R21E, Uintah Co., Utah  
(1980 FSL; 660 FWL)

ELEVATION: 4965' GL (Ungraded); 4975' KB (est)

PROJECTED TD & FORMATION: 8850' Wasatch

FORMATION TOPS:	FORMATION	Depth KB	Depth subsea	oil	gas
Prospective Pay	Uinta "B"	3520	+1455		**
Indicated as follows:	"Stray"	3750	+1225	*	
Possible *	Green River - Top	3865	+1110		
Probable **	Green River-Parachute Crk Mbr.	4615	+ 360		
Most Likely ***	Green River-P. Crk III	4785	+ 190	***	
	Green River-P. Crk II	5350	- 375	*	
	Green River-P. Crk I	5725	- 750	*	
	Green River-Garden Gulch Mbr.	6250	-1240		
	Green River G. Gulch I	6580	-1605	*	
	Green River-Douglas Crk Mbr	6866	-1891		
	Green River-D.Crk VII ("K")	7031	-2056	*	
	Green River-D.Crk IV	7149	-2174	***	
	Green River-D.Crk III	7201	-2226	**	
	Green River D.Crk II	7246	-2271	**	
	Green River D.Crk I	7283	-2308	*	
	Wasatch - Top	7334	-2359		
	Wasatch Zone VIII	7391	-2416	*	
	Wasatch Zone VII	7466	-2491	*	
	Wasatch Zone VI	7586	-2611	*	
	Wasatch Zone V ("F")	7655	-2680	***	
	Wasatch Zone IV	7775	-2800	*	
	Wasatch Zone III	7876	-2901	*	*
	Wasatch Zone II	7951	-2976	*	*
	Wasatch Zone I	8520	-3545	*	*

PRESSURE GRADIENT: .33 Green River Fm (est.)  
.47 Wasatch (est.)

SAMPLES: 30' from base of surface casing to 3000'  
10' from 3,000 to T.D. (see also additional requirements)

ELECTRIC LOGS: DIL - SFL Surface casing to TD  
LTD - CNL " " " "  
EPT - MICRO " " " "  
LSS - GAMMA " " " "

DST's: as required

CORES: NONE

MUDLOGGING UNIT: Yes; 2000' to TD

CASING PROGRAM: To be defined

DEVIATION: Max. 5° @ TD. -surveys to be run between 3800' - 5050'.

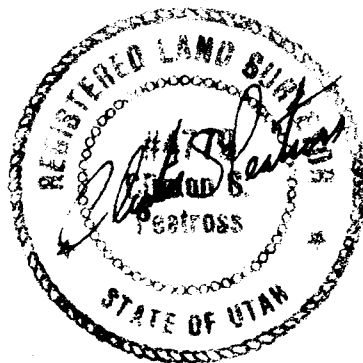
ANTICIPATED HOLE PROBLEMS: 1) Although manageable pressure gradients of .33 to .47 are expected, anomalous pressures are known to occur at base of Green River Formation and in the Wasatch Formation.  
2) Varying lithologies and water salinities (-70,000 ppm) in Green River & Wasatch Formations may effect mud system

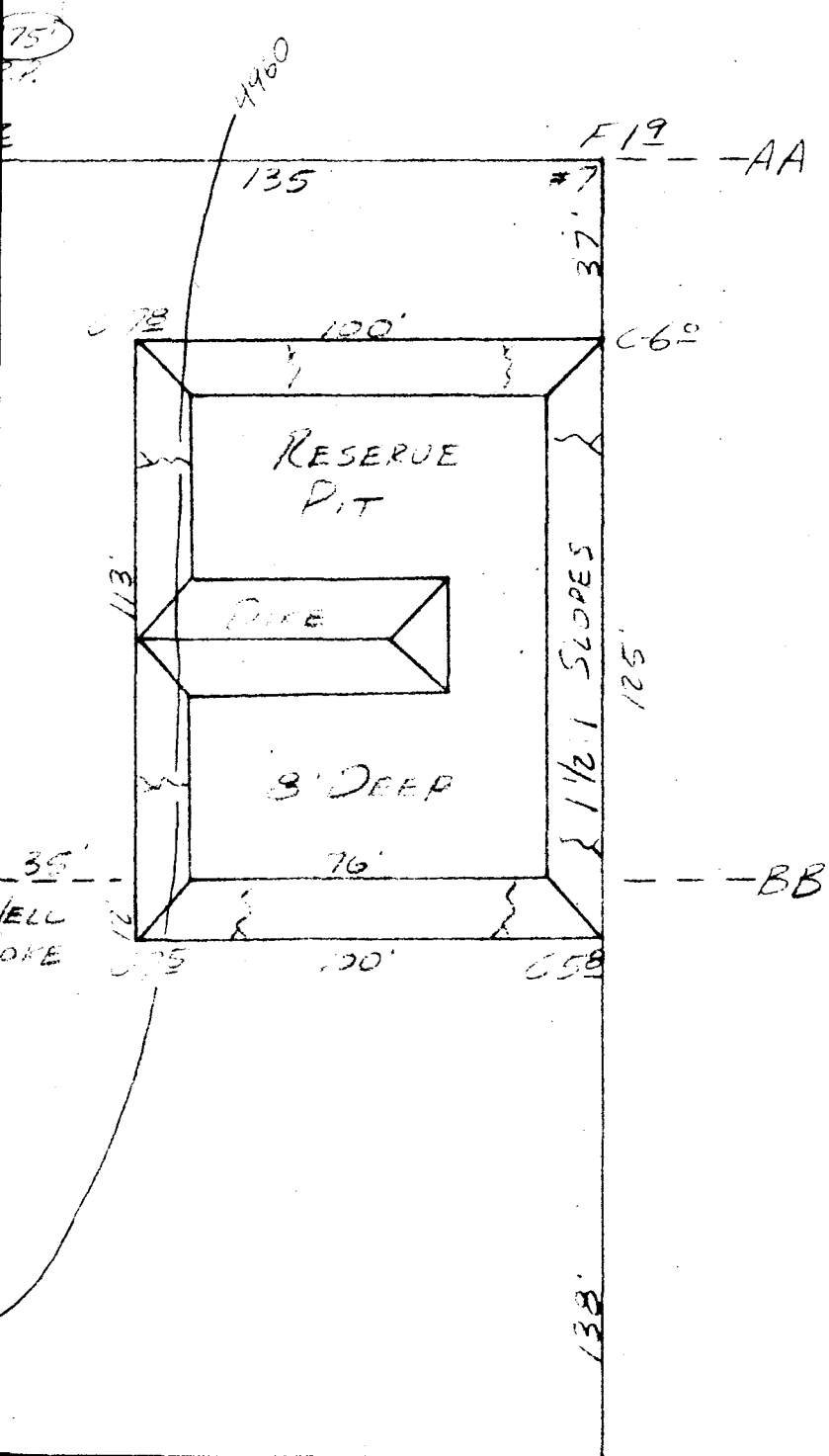
ADDITIONAL REQUIREMENTS: 1) Oil shale interval(s) shall be recorded  
2) All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water shows and furnished to U.S.G.S. office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.





C --- F. 22 125 FINISH F. C



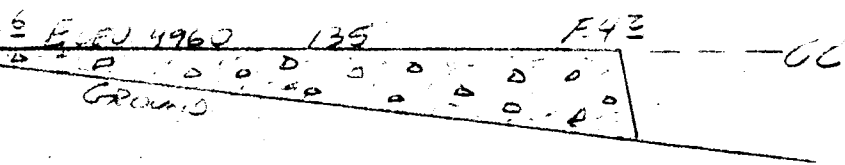
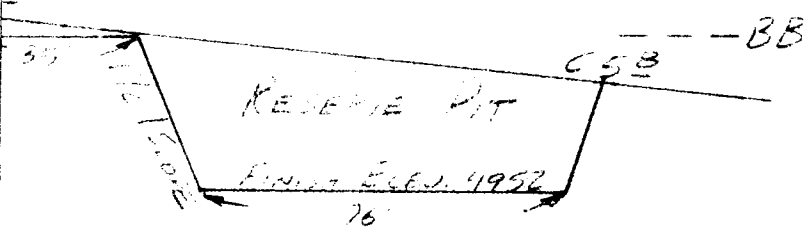
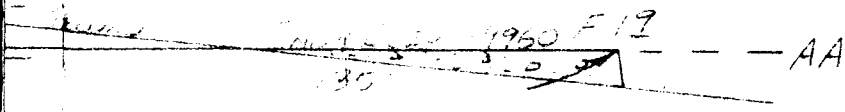
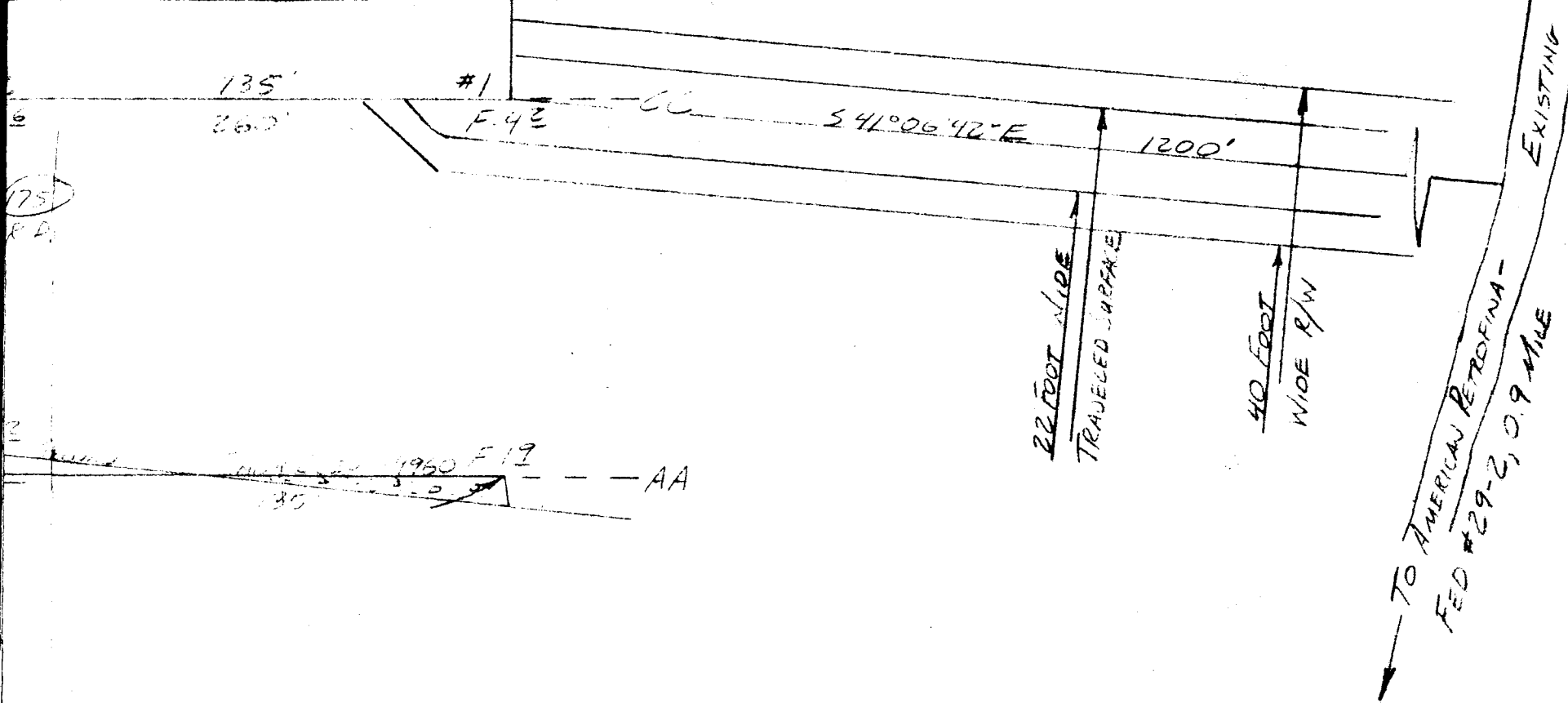


# NOTES-

1981 CUBIC YARDS FILL ON LOCATION  
 722 CUBIC YARDS CUT ON LOCATION  
 2265 CUBIC YARDS CUT ON PIT

1200 FEET OF NEW ROAD CONSTRUCTION  
 0.9 MILE ROAD IMPROVEMENT

JOB #233



JOB #233

9/7/34

PREPARED FOR  
 AMERICAN PETROFINA CO. OF TEXAS  
 1625 BROADWAY, SUITE 1600 DENVER, COLO. 80202

AMERICAN PETROFINA-FED #28-1  
 N.W. 1/4, S.W. 1/4, SECTION 28, T.6S., R.21E., 5LB&M.  
 UTAH COUNTY, UTAH

PREPARED BY  
**PEATROSS LAND SURVEYS**  
 REGISTERED LAND SURVEYORS  
 P.O. BOX 271  
 DUCHESNE, UTAH 84021  
 (801) 738-2386

AMERICAN PETROFINA

OPERATOR American Petroleum Co. DATE 11-2-84

WELL NAME Std. 28-1

SEC NW SW 28 T 6S R 21E COUNTY Uintah

43-647-31571  
API NUMBER

Std  
TYPE OF LEASE

CHECK OFF:

☒

PLAT

☒

BOND

☒

NEAREST WELL

☒

LEASE

☒

FIELD

☒

POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

No other wells within 1000'

Water or - T 60339 49.1337

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☐

C-3-a

CAUSE NO. & DATE

☒

C-3-b

☐

C-3-c

STIPULATIONS:



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 5, 1984

American Petrofina Company of Texas  
1625 Broadway Street, Suite 1600  
Denver, Colorado 80202

Gentlemen:

Re: Well No. Federal #28-1 - NW SW Sec. 28, T. 6S, R. 21E  
1820' FSL, 657' FWL' - Uintah County, Utah

Approval to drill the above referenced oil/gas well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2  
American Petrofina Company of Texas  
Well No. Federal #28-1  
November 5, 1984

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31571.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## 2. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☒

OTHER

RING  
ZONE ☐MULTIPLE  
ZONE ☐

## 3. NAME OF OPERATOR

American Petrofina Company of Texas

## 4. ADDRESS OF OPERATOR

1625 Broadway Street, Ste. 1600, Denver Colorado 80202

## 5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1820' FSL &amp; 657 FWL

At proposed prod. zone

## 6. LEASE DESIGNATION AND SERIAL NO.

U 34711

## 7. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 8. UNIT AGREEMENT NAME

## 9. FARM OR LEASE NAME

Federal

## 10. WELL NO.

#28-1

## 11. FIELD AND POOL, OR WILDCAT

Horseshoe Bend area

12. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 28 T6S., R21E

## 13. COUNTY OR PARISH

Uintah

## 14. STATE

Utah

## 15. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

Approximately 30 miles to Vernal Utah

## 16. DISTANCE FROM PROPOSED

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

500'

## 17. NO. OF ACRES IN LEASE

40

18. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 19. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

0

## 20. PROPOSED DEPTH

8850' Wasatch

## 21. ROTARY OR CABLE TOOLS

Rotary

## 22. ELEVATIONS (Show whether DF, RT, GR, etc.)

4961' GR.

## 23. APPROX. DATE WORK WILL START

## 24.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	400	to surface as required
7 7/8	5 1/2	17	TD	top Green River as required

RECEIVED  
NOV 21 1984DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED: Richard D. PonderTITLE Consultant GeologistDATE Sept 15 1984

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY: L. H. FergusonTITLE DISTRICT MANAGERDATE 11/9/84

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPYUT-080-5-M-007  
Div OG&M



# CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company American Petrofina Company Well No. 28-1  
Location Sec. 28 T 6S R 21E Lease U-34711  
Onsite Inspection Date 10/03/84

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

## A. DRILLING PROGRAM

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

### 1. Pressure Control Equipment

Prior to drilling out the surface casing, the Ram-type Preventers shall be tested to 2000 psi, and the Annular-type Preventer shall be tested to 1500 psi.

BOP and choke manifold systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Pre-venters will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office will be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

### 2. Casing Program and Auxiliary Equipment

Geologic reports indicate fresh water may be present down to 500 feet. If encountered while drilling, isolation and protection of these zones will be required.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

3. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

4. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to my office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

5. Anticipated Starting Dates and Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

B. THIRTEEN POINT SURFACE USE PLAN

1. Planned Access Roads

About .9 mile of existing road will also require considerable maintenance in its present alignment. It will require some improvements in crowning and low water crossings. The 1200 foot new access is as described in the APD.

2. Location of Existing Wells

The location is about  $\frac{1}{2}$  mile due east from the American Petrofina 29-2 well being presently drilled. Early tests indicate a successful oil well there.

3. Location of Tank Batteries and Production Facilities

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain  $1\frac{1}{2}$  times the storage capacity of the battery.

Tank battery placement will be indicated when the well is completed and ready to begin production.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and anchored securely downstream of the meter. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

4. Source of Construction Material:

Road surfacing and pad construction material will be obtained from local sources. All of the new construction will be on lease except for minor repairs to the existing road.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

5. Methods of Handling Waste Disposal

The reserve pit will be lined with a pit liner adequate to control seepage in the gravelly soil where the pit is situated.

Burning will not be allowed. All trash must be contained by use of a trash cage and then hauled away to an approved waste disposal site.

Produced waste water will be confined to a lined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

6. Ancillary Facilities

Camp facilities will not be required.

7. Well Site Layout

The reserve pit will be located as indicated in the APD layout diagram.

The stockpiled topsoil will be stored on the east side of the pad between stakes 5 and 6. About 4-6 inches of topsoil will be stockpiled there.

Access to the well pad will be from the south corner near stake No. 1.

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

8. Plans for Restoration of Surface

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed.

If the well site is to be abandoned then all disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

The BLM will be consulted for a suitable seed mixture for the re-seeding of the location.

Prior to reseeding, all disturbed areas, including the access roads will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The following seed mixture will be used:

Indian Rice Grass	5 lbs/acre
Four Wing Saltbush	5 lbs/acre

This mix should be used for both the access road and the location of the American Petrofina 28-1.

9. Other Information

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance will be required before any construction begins. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

12

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-34711	
2. NAME OF OPERATOR American Petrofina Company of Texas		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1625 Broadway, Suite 1600 Denver, Colorado 80202		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1820' FSS and 657' FWL of Section 28, T6S, R21E NW/SE		8. FARM OR LEASE NAME Federal	
14. PERMIT NO. 43-047-31571		9. WELL NO. 28-1	
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 4961' GR		10. FIELD AND POOL, OR WILDCAT Horseshoe Bend Area	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28, T6S, R21E	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

RECEIVED

FEB 4 1985

DIVISION OF OIL  
GAS & MINING

NW/SE

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐SPUD ☒

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Massey Rathole Drilling set 20' of conductor pipe on above described well at 10:00 AM 1-29-85. Actual rotary drilling operations will commence 1-31-85. Drilling contractor is Roden Drilling, Rig #1.

18. I hereby certify that the foregoing is true and correct

SIGNED

J. Davis

TITLE

Landman

DATE

1/30/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Contractor Roden  
 Rig No. --  
 Spot --  
 Sec. 26  
 Twp. 6S  
 Rng. 21E  
 Field Stirrup  
 County Uintah  
 State Utah  
 Elevation 4975 ft.  
 Formation --

Top Choke 1/4"  
 Bottom Choke 3/4"  
 Size Hole 7 7/8"  
 Size Rat Hole --  
 Size & Wt. D. P. 4 1/2" XH 16.60#  
 Size Wt. Pipe --  
 I. D. of D. C. 2 1/4"  
 Length of D. C. 624 ft.  
 Total Depth 4075 ft.  
 Interval Tested 4034-4075 ft.  
 Type of Test Bottom Hole  
Inflate

Flow No. 1 5 Min.  
 Shut-in No. 1 30 Min.  
 Flow No. 2 -- Min.  
 Shut-in No. 2 -- Min.  
 Flow No. 3 -- Min.  
 Shut-in No. 3 -- Min.  
 Bottom Hole Temp. --  
 Mud Weight 9.2#  
 Gravity --  
 Viscosity 35

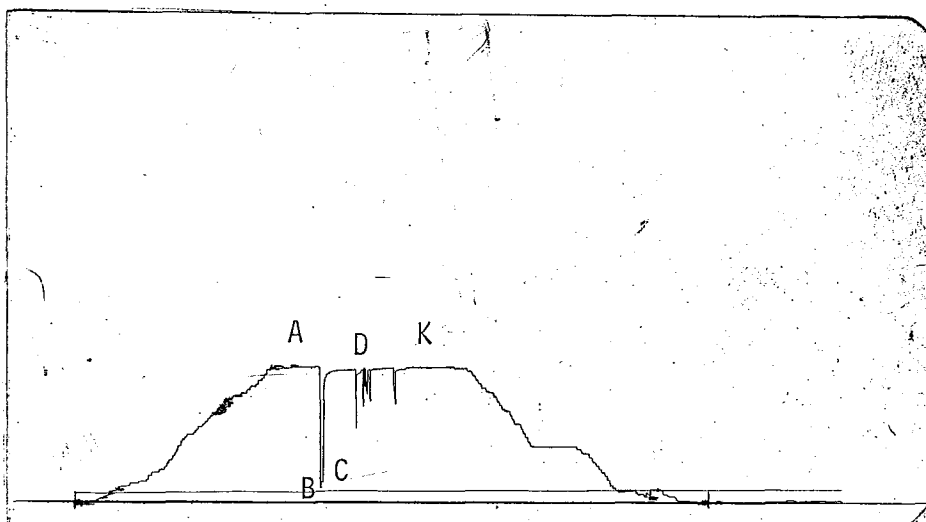
Tool opened @ 5:40 p.m.

Inside Recorder

PRD Make Kuster K-3  
 No. 24523 Cap. 6650 @ 4049'

	Press	Corrected
Initial Hydrostatic	A	1975
Final Hydrostatic	K	1961
Initial Flow	B	247
Final Initial Flow	C	313
Initial Shut-in	D	1922
Second Initial Flow	E	--
Second Final Flow	F	--
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist. Rock Springs, WY  
 Our Tester: Bryan Scott  
 Witnessed By: Shell Abegglen



Did Well Flow - Gas No Oil No Water No

RECOVERY IN PIPE:

Blow Description:

1st Flow: Tool opened with a 5" underwater blow.

MISRUN:

Lost packer seat at the end of the initial shut-in; unable to regain a seat and continue the test.

RECEIVED

FEB 22 1985

DIVISION OF OIL  
 GAS & MINING

Operator American Petrofina  
 Address 1625 Broadway, Suite 1600  
Denver, CO 80202

Well Name and No. Hamaker #28-1  
 Ticket No. 21287

Date 2-11-85

DST No. 5  
 No. Final Copies 12





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 10, 1985

American Petrofina Company  
625 Broadway #1600  
Denver, Colorado 80202

Gentlemen:

Re: Well No. Federal 28-1 - Sec. 28S., T. 6S., R. 21E.,  
Uintah County, Utah - API #43-047-31571

Our records indicate that you have not filed drilling reports for the months of February to present on the above referenced well. Our rules and regulations stipulate that these reports be filed by the sixteenth of each month until the well is completed.

Enclosed are forms for your convenience in filing the necessary reports as soon as possible but no later than June 24, 1985.

Thank you for your cooperation in this matter.

Sincerely,

Pam Kenna  
Well Records Specialist

Enclosure  
cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0170S/21

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## RESUME

OPERATOR: American Petrofina Co. of Texas

OTHER INTEREST PARTIES: Cotton Petroleum Corp. & Harper Oil Co.

WELL NAME: APCOT Federal #28-1

LOCATION: 1820' FSL, 657' FWL, NW, SW, Section 28,  
Township 6 South, Range 21 East

AREA: Hamacker Bottoms - Horseshoe Bend Area

COUNTY: Uintah

STATE: Utah

ELEVATION: 4965' GL and 4975' KB

ENGINEER: Curtis Clark

GEOLOGIST: Shell Abegglen

SPUD DATE: January 31, 1985

COMPLETION DATE: March 5, 1985

HOLE SIZE: 12 1/4" to 425', 7 7/8" to TD

CASING: 8 5/8" 24# J-55 set @ 418'

CEMENTING: Western Company

CONTRACTOR: John B. Roden Drilling Company

EQUIPMENT: Rig #1

TOOLPUSHER: Marion Spencer

DRILLERS: Ed Madsen, W.L. Nichols, W.M. Kysar

DRAWWORKS: Emsco GB-350

DERRICK: Lee C. Moore

PUMPS: #1 - Emsco D-500, 16"  
#2 - Gardner-Denver FXX, 14"

DRILL COLLARS: 6 1/4"

DRILL PIPE: 4 1/2" FH & XH Grade "E"

DRILLING MUD: IMCO Services

MUD TYPE: Water to 3000', LSND to TD

RESUME cont'd.

MUD ENGINEER:	Kenny Bascom
MUD LOGGING:	Columbine Logging, Inc.
TYPE UNIT:	Two man hotwire and chromatograph
LOGGING ENGINEERS:	Shell Abegglen and Cecilia Garland
CORES:	None
DRILL STEM TESTS:	#1 - Company: Lynes Formation: Green River Interval: 4034' to 4075' #2 - Company: Halliburton Formation: Green River Interval: 4040' to 4075'
ELECTRIC LOGS:	Dresser Atlas
TYPE LOGS:	Dual induction TD to surface casing, BHC Acoustic TD to surface casing and Density-Neutron TD to surface casing
ENGINEER:	Bill Mountjoy
TOTAL DEPTH:	7800' Driller and 7802' Logger
DRILLING TIME:	33 days
WELL STATUS:	Pending completion

## SUMMARY AND CONCLUSIONS

The APCOT #28-1 Federal was drilled to a total depth of 7802' to test the Uintah, Green River and Wasatch formations for hydrocarbons, with the main objective being the Green River Douglas Creek member. Although three minor loss of circulation zones were encountered, the well was drilled to total depth without significant problems. The #28-1 was generally about 30' high to the nearby Pan Am Linglebach well and about 30' low to the nearby APCOT #29-2, placing it on a correlation level with the APCOT #32-1 State.

Unlike the #32-1 well, this well contained no significant shows in the Uintah 'B' gas zone. However, a very significant oil show was encountered in the top of the Green River at 4036', with significant amounts of crude oil flowing to surface and collecting on the mud pits. Two drill stem tests were attempted in order to evaluate this zone, but both tests failed due to what appeared to be leakage around the packer seats from fractures. Although the test failed, this zone looks very promising considering the crude oil to surface, the oil saturated sands in the samples and the largest gas show of the well.

Although the Douglas Creek sands contained only small gas shows, fair sample shows were observed and log results showed several possible producing zones with average porosity in the 9 to 11% range.

The Wasatch 'F' sand, disappointedly appears to be wet, but two sands above it contained fair sample and gas shows and optimistic electric log results. Although no excellent shows were encountered in the Wasatch or Douglas Creek, it is felt that both sections have possibilities of producing commercial quantities of oil. Production pipe has been set on the #28-1 Federal and completion is pending.

FORMATION TOPS FROM SAMPLES

Elevation from K.B. - 4975'

<u>Sample Tops</u>	<u>Depth from K.B.</u>	<u>Sub Sea</u> (+ or -)
Uintah "B"	3525'	+1450'
Green River		
Evacuation Creek	3865'	+1110'
Top G.R. Sands	4040'	+ 935'
Parachute Creek	4600'	+ 375'
Garden Gulch	6175'	-1200'
Douglas Creek	6910'	-1935'
Wasatch	7375'	-2400'

FORMATION TOPS FROM ELECTRIC LOGS

Elevation from K.B. - 4975'

<u>Electric Log Tops</u>	<u>Depth from K.B.</u>	<u>Sub Sea</u> (+ or -)
Uintah "B"	3451'	+1524'
Green River	3874'	
Evacuation Creek	3874'	+1101'
Top G.R. Sands	4036'	+ 939'
Parachute Creek	4426'	+ 549'
Garden Gulch	6150'	-1175'
Douglas Creek	6890'	-1915'
Wasatch	7400'	-2725'

Note: Geologists working in the Uintah Basin have not agreed on definitive tops for the members of the Green River nor the transitional Wasatch top. The above tops serve only as guidelines to facilitate discussion.

DRILL STEM TESTS

DST #1

Company: Lynes, Inc.  
Date: February 11, 1985  
Type Test: Lynes single inflate  
Formation: Green River  
Depth: 4034' to 4075' (Corrected depth)

Pressures:

IH - 1994  
IF - 249  
ISI - 1936  
FH - 1994

Recovery: Invalid

Remarks: Test failed due to leakage around packer, tester thought  
because of fractures.

DST #2

Company: Halliburton Services  
Date: February 13, 1985  
Type Test: Halliburton conventional - dual packers  
Formation: Green River  
Depth: 4040' to 4075' (Corrected depth)

Pressures: Invalid

Recovery: 1000' of gas and oil cut drilling mud

Remarks: Test failed due to possible fractures around packer seats.



# DAILY DRILLING CHRONOLOGY

<u>1985 Date</u>	<u>Accum. Footage</u>	<u>Footage 24 hours</u>	<u>Rig Activity</u>
1-31	0'	0'	Spud 12 1/4" hole @ 11:45 pm, drill
2-01	45'	45'	Drill, thaw airlines, drill, survey, drill to 425', circ & cond. hole
2-02	425'	380'	Trip out, rig up csg crew, run 10 jnts, of 8 5/8" 24# J-55 pipe set @ 418', W.O. Western, circ, cmt csg, plug down 1:55 pm, W.O. Cement, cut off conductor, weld on head
2-03	425'	0'	Nipple up, pressure test BOP, nipple up
2-04	425'	0'	Pick up DC, trip in w/NB #2, tag cmt @ 360', trip for plugged bit, trip in & drill cmt & shoe, drill 7 5/8" hole @ 5:15 pm
2-05	917'	492'	Drill, survey, work on pumps, drill to 594' trip out, trip in w/NB #3, drill survey, drill
2-06	1810'	893'	Drill, survey, drill, work on pumps, drill
2-07	2606'	796'	Drill, rig serv, survey, work tight hole, drill
2-08	3073'	467'	Drill, rig serv, drill to 3347', trip out, trip in w/NB #4, drill
2-09	3365'	292'	Drill, survey, rig repair on rotary table, drill
2-10	3722'	357'	Drill, rig serv, survey, pump repair, drill
2-11	4102'	380'	Drill, circ for DST @ 4117', short trip, circ, trip out, pick up test tools, trip in, testing w/Lynes, DST #1 mis-run, trip out, hit oil cut mud, 23 stands out
2-12-	4117'	0'	Correct depth from 4117' to 4075', lay down test tools, inspect DC, trip in w/Bit #5, circ, WOO
2-13	4075'	0'	Circ & cond mud, trip out for DST #2, pick up Halliburton test tools, trip in, testing, no test, trip out, lay down test tools, rig repair on drawworks, trip in w/Bit #5
2-14	4075'	0'	Trip in, drill @ 4:00 am, rig serv, drill
2-15	4340'	265'	Drill, rig serv, rig repair on drum, drill

DAILY DRILLING CHRONOLOGY cont'd.

<u>1985 Date</u>	<u>Accum. Footage</u>	<u>Footage- 24 Hours</u>	<u>Rig Activity</u>
2-16	4626'	286'	Drill, trip for hole in pipe @ 4655', lay down two bad DC, pick up new DC, trip in w/Bit #5, wash & ream 56' to bottom, drill
2-17	4762'	136'	Drill, rig serv, BOP drill, drill
2-18	4995'	233'	Drill, rig serv, BOP check, drill
2-19	5225'	230'	Drill, drill to 5337' trip out, trip in w/Bit #6, wash & ream 62', drill
2-20	5467'	242'	Drill to 5559' trip for hole in pipe, lay down 1 bad DC, trip in, drill, lose circ, mix mud, drill, work on drawworks clutch
2-21	5715'	248'	Repair clutch, drill, rig serv, drill
2-22	6061'	346'	Drill, lose circ @ 6100', mix mud, drill work on pump, drill
2-23	6323'	262'	Drill, rig serv, work on pumps, drill
2-24	6471'	148'	Drill, drop survey @ 6482', trip out, work on hydromatic, trip in w/Bit #7, drilling @ 9:45 am
2-25	6644'	173'	Drill, rig serv, lose circ @ 6750', mix mud, drill
2-26	6875'	231'	Drill rig serv, drill
2-27	7100'	225'	Drill, rig serv, drill
2-28	7281'	181'	Drill, drill to 7320' drop survey, trip out, trip in w/NB #8, chg out shale shaker, drilling @ 9:30 pm
3-01	7333'	52'	Drill, rig serv, drill
3-02	7485'	152'	Drill, rig serv, chg out swivel packing, drill
3-03	7594'	109'	Drill, circ smpls up @ 7615', trip out for hole in pipe, lay down 1 bad DC, trip in w/RR Bit #4, drilling @ 2:30pm
3-04	7661'	67'	Drill, rig serv, drill
3-05	7782'	121'	Drill to 7800', circ & cond hole 3 hrs, trip out for logs, Dresser Atlas running logs
3-06	7800'	18'	Dresser finish logs, prepare to set pipe

DEVIATION SURVEY

<u>Depth</u>	<u>W.O.B.</u>	<u>R.P.M.</u>	<u>P.P.</u>	<u>Survey</u>
182'	30000	120	500	1 1/4°
326'	30000	120	500	2°
927'	20000	70	1000	1 3/4°
1383'	25000	70	900	1 1/4°
1888'	25000	70	1000	1 1/4°
2387'	25000	70	1000	3/4°
2880'	30000	70	1000	1/2°
3347'	30000	70	1000	1°
3481'	40000	70	1200	1°
3979'	45000	70	1200	1 1/4°
5337'	45000	70	1200	1 1/2°
6482'	40000	70	1200	1°
7320'	40000	60	1200	1°
7800'	40000	65	1200	1/2°

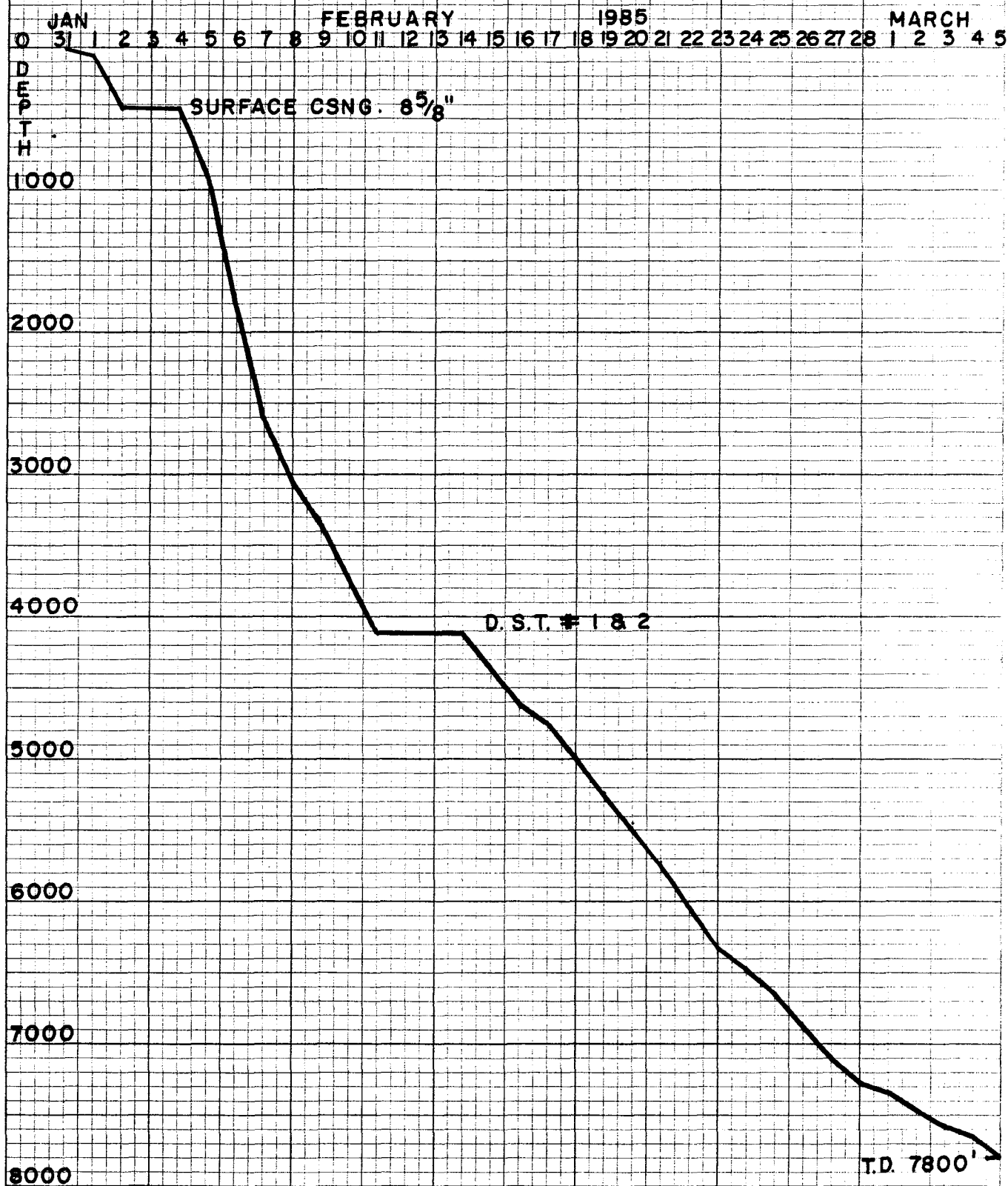
BIT RECORD

<u>No.</u>	<u>Make</u>	<u>Type</u>	<u>Size</u>	<u>In</u>	<u>Out</u>	<u>Footage</u>	<u>Hours</u>
1	STC	DSJ	12 1/4"	40'	425'	385'	19
2	SEC	S4TJ	7 7/8"	425'	1019'	594'	9 1/2
3	STC	F-3	7 7/8"	1019'	3347'	2328'	75 3/4
4	STC	F-45	7 7/8"	3347'	4075'	728'	48
5	STC	F-45	7 7/8"	4075'	5337'	1262'	110 1/4
6	STC	F-5	7 7/8"	5337'	6482'	1145'	90 1/2
7	STC	F-5	7 7/8"	6482'	7320'	837'	90
8	SEC	M90F	7 7/8"	7320'	7615'	295'	49 1/2
9rr#4	STC	F-45	7 7/8"	7615'	7800'	913'	85 1/4

MUD RECORD

1985 Date	Depth	Wt.	F. Vis	P. Vis	Yld	Gel Strnt	Fltr	CK	Solid %/Wtr.	% Sand	pH	Alka	Chlo	Cal- cium	Accum. Cost
2-08	3286'	9.3	36	10	6	2/6	10.2	2/32	7/93	1/4	9.0	.1/.3	200	tr	1791.00
2-09	3506'	9.3	35	11	5	2/5	9.5	2/32	7/93	1/4	9.5	.1/.3	200	tr	2541.00
2-10	3925'	9.2	35	10	4	2/4	10.8	2/32	7/93	1/4	9.0	.1/.3	300	tr	3060.00
2-11	4117'	9.2	35	10	4	2/4	9.6	2/32	7/93	1/4	9.0	.1/.2	300	tr	3329.00
2-12	4117'	9.2	35	10	4	2/4	9.6	2/32	7/93	1/4	9.0	.1/.2	300	tr	3329.00
2-13	4117'	9.3	38	13	7	2/5	9.2	2/32	7/93	1/4	9.0	.1/.2	300	tr	4484.00
2-14	4214'	9.4	42	14	10	3/9	10.0	2/32	8/92	3/4	10.5	.2/.3	300	tr	4753.00
2-15	4471'	9.4	36	10	6	2/6	10.0	2/32	8/92	1/4	9.5	.1/.3	300	tr	5078.00
2-16	4655'	9.1	34	8	4	2/5	9.8	2/32	6/94	1/4	9.0	.1/.3	300	tr	5492.00
2-17	4868'	9.3	36	10	6	2/5	9.4	2/32	7/93	1/2	9.0	.1/.3	300	tr	6057.00
2-18	5123'	9.2	35	10	5	2/4	10.2	2/32	7/93	1/4	10.0	.2/.4	300	tr	6845.00
2-19	5337'	9.2	36	11	6	2/5	9.5	2/32	7/93	1/4	10.0	.2/.4	300	tr	7672.00
2-20	5559'	9.4	35	10	5	2/4	10.0	2/32	8/92	1/4	9.5	.2/.4	300	tr	8145.00
2-21	5866'	9.2	37	11	6	2/5	9.0	2/32	8/92	1/4	10.5	.2/.4	300	tr	10128.00
2-22	6185'	9.0	34	9	4	2/4	9.0	2/32	5/95	1/4	9.0	.2/.5	300	20	11532.00
2-23	6398'	9.2	34	9	5	2/4	9.0	2/32	7/93	1/4	9.5	.2/.4	300	tr	12266.00
2-24	6482'	9.3	36	10	5	2/5	9.0	2/32	7/93	1/4	9.0	.1/.3	300	tr	13067.00
2-25	6742'	9.4	34	8	4	2/4	9.2	2/32	8/92	1/3	9.0	.1/.3	300	tr	13684.00
2-26	6950'	9.3	38	11	7	2/4	8.2	2/32	7/93	1/4	9.0	.1/.3	300	tr	15600.00
2-27	7177'	9.3	34	9	4	2/4	9.0	2/32	7/93	1/4	9.0	.1/.3	300	tr	16499.00
2-28	7320'	9.3	37	11	5	2/4	9.2	2/32	7/93	1/4	9.5	.2/.5	300	tr	17556.00
3-01	7432'	9.1	38	13	6	2/6	10.0	2/32	6/94	1/4	9.0	.1/.3	300	tr	18251.00
3-02	7555'	9.3	37	10	5	2/4	10.0	2/32	7/93	1/4	9.5	.2/.6	300	tr	19100.00
3-03	7615'	9.2	38	10	5	2/4	10.0	2/32	7/93	1/4	10.0	.3/.5	300	tr	19623.00
3-04	7715'	9.2	38	11	7	2/8	10.0	2/32	7/93	1/4	10.0	.3/.6	300	tr	20234.00
3-05	7800'	9.3	44	14	10	3/8	8.8	2/32	7/93	1/4	10.5	.3/.7	300	tr	21319.00

# PENETRATION RATE / TIME CHART



46 0782

10 X 10 TO THE INCH • 7 X 10 INCHES  
KEUFFEL & ESSER CO. MADE IN U.S.A.

## LITHOLOGY

Note: The following is a generalized description of lagged samples from the #28-1 Federal. For a more detailed description, see log in back flap.

- 2450' - 3700' Sh red, red-brn, mar, sm-slt, sl calc, w/grn, gy-grn, sb wxy, Sh & Clyst, intbd w/SS wh, clr, frost occ lav & grn, vfg-fg, tt, cly-fil, calc, p-fr por, occ fg-vcg congl, SS is occ v mica & dirty, there are thin beds of wh flky marl & gy & grn bentonites, no shows
- 3700' - 4030' Pred Sh gy-grn, sb wxy, w/red, slty, calc, intbd w/wh-clr, vfg-fg, SS, occ mg, pred cly-fil, p por, w/occ mica, fldspr, Ls, cht, dolo-clast. Towards the bottom part of the section there are thin beds of brn & gy micxln Ls, pred v arg
- 4030' - 4400' Pred SS wh, fros, clr, vfg-fg, ang-rd, frm-v fri, sl calc, p-fr por, occ oil sat, dul gold-lt yel flor, p-g strmg yel cut, intbd w/gy & gy grn sb wxy, sft shales
- 4400' - 5200' Pred Sh gy, gy-grn, gy-brn, sm-slt, occ sb wxy, plty-blky, calc-dolic, intbd w/wh, vfg, tt, ang, SS & occ brn micxl Ls & occ low grade brn "oil shales"
- 5200' - 6150' Pred SS wh, fros, clr, vfg-mg, ang-rd, frm-fri, calc, occ v tt & cly fil, p-fr por, occ lt brn o stn, dul gold flor, wk-fr strmg cut, intbd w/brn & gy-brn & gy-grn, plty Sh, w/scat brn Ls, wh flky marl & occ cg qtz
- 6150' - 7100' Pred Sh brn, gy-brn, gy, sm-slt, plty-v fis & splty, calc-dolic, occ dk brn, med grade "oil shales". Some wh-fros, vfg-fg SS w/dull gold flor & wk strmg cut
- 7100' - 7500' Pred Sh gy, sm-slt, plty-fis, splty, calc-dolic, intbd w/SS fros, wh, clr, vfg-fg, occ mg, ang-rd, fri, fr por, lt brn o stn, dul gold-lt yel flor, wk-fr strmg cut
- 7500' - 7800' Pred Sh red, red-brn, mar, grn, purp, yel, gy, sm-slt, occ lrg fltg qtz grs, plty-amorph, sl calc, intbd w/SS fros, wh, clr, vfg-fg, occ mg-vcg, ang-rd, fri-uncon, tr lt brn o stn, lt yel flor, wk strmg cut

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U 34711</b>	
2. NAME OF OPERATOR <b>AMERICAN PETROFINA CO. OF TEXAS</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>-</b>	
3. ADDRESS OF OPERATOR <b>1605 BROADWAY SUITE 1600</b>		7. UNIT AGREEMENT NAME <b>-</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <b>NW SW SEC 28 T6S R21E</b>		8. FARM OR LEASE NAME <b>FEDERAL</b>	
14. PERMIT NO. <b>43 047 31571</b>		9. WELL NO. <b>28-1</b>	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) <b>4961 GR</b>		10. FIELD AND POOL, OR WILDCAT <b>HORSESHOE BEND</b>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>28-65 21E</b>	
		12. COUNTY OR PARISH <b>UINTAH</b>	
		13. STATE <b>UTAH</b>	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <b>COMPLETE WELL HISTORY</b> <input checked="" type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

**SEE ATTACHED 18 PAGE REPORT**

18. I hereby certify that the foregoing is true and correct

SIGNED Michael A. Jones TITLE Prod. Mgr. DATE 6/20/85

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



PMP117  
PERIOD ENDING 8:00 A.M.  
05/26/85

AMERICAN PETROFINA  
DAILY DRILLING REPORT

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===> DEVELOPMENT WELLS <===

WELL MAKING LOTS OF GAS. FLOWING THRU 15/64" CK. MADE 84 BO; 222 BW.  
750 FTP; 1300 CP.

05/26/85 COM.COST \$842,400

\*\*\* FINAL REPORT \*\*\* FINAL TD 07860  
COMPLETION

IP: 230 BOPD, 150 BWPD, 750 FTP, 1750 PSI CP. FLOWING THRU 15/64" CK.

\*\*FINAL REPORT\*\*

POOR COPY

PMP117  
PERIOD ENDING 8:00 A.M.  
05/28/85

AMERICAN PETROFINA  
DAILY DRILLING REPORT

PAGE 17

==> DEVELOPMENT WELLS <==

05/15/85 CUM.COST  
PRESS TESTING LINES

\$842.400

TURNED WELL ON @ 4 PM ON 5/14/85. 2600 PSI SICP; 2350 PSI SITP. BLED OFF FOR 15 MIN BEFORE FREACHED SURF. BYPASSED PROD UNIT. WENT THRU LINE HTR & STRAIGHT TO TANKS DUE TO FREEZE UP PROBLEMS. 15 MIN FTP 1800 PSI. VARIED OK FR 13/64" TO 25/64". WENT BACK THRU SEPARATOR @ 12 PM. WELL LEVELED OUT @ 730 PSI FTP & 3040 PSI CP ON 18/64" OK. 12 AM - 6 AM MADE 130 BW & 40 BO IN 6 HRS. EST 1800 PLWTBR.

05/16/85 CUM.COST  
COMPLETION

\$842.400

MADE 115 BO; 305 BBLs LOAD WTR IN 24 HRS. 1495 PLWTBR.

05/17/85 CUM.COST  
COMPLETION

\$842.400

MADE 115 BO; 340 PLW.

05/18/85 CUM.COST  
COMPLETION

\$842.400

MADE 155.79 BO; 455 BW. TP 700. CP 1775.

05/19/85 CUM.COST  
COMPLETION

\$842.400

MADE 153.74 BO; 445 BW. TP 650. CP 1725.

05/20/85 CUM.COST  
COMPLETION

\$842.400

MADE 146.87 BO; EST 567 BW. TP 650. CP 1700.

05/21/85 CUM.COST  
REPORT NOT AVAILABLE

\$842.400

05/22/85 CUM.COST  
COMPLETION

\$842.400

BROCKED EQUIP. ATTEMPTING TO LINE OUT TREATER. OUT BACK TO 13/64" OK. TP WENT TO 1800. MADE 199.4 BO; 390 BW. EST ALL LOAD WTR SHOULD BE RECOVERED TODAY.

05/23/85 CUM.COST  
FLOW TESTING WELL

\$842.400

MADE 107 BO; 30 BW ON 13/64" OK. 1005 FTP; 1825 CP. HAD TO OUT BACK OK DUE TO CAPACITY PROBLEMS W/ PRODUCTION UNIT & HIGH BS&W CUTS IN TANKS. SHIPPED 1 LOAD OIL. 4% BS&W.

05/24/85 CUM.COST  
FLOW TESTING

\$842.400

WELL FLOWING ON 13/64" OK. WELLHEAD FROZE OFF. EST 100 BW; 0 BO. 1025 FTP; 1825 CP.

05/25/85 CUM.COST  
FLOW TESTING

\$842.400

POOR COPY

PMP117  
PERIOD ENDING 8:00 A.M.  
05/28/85

AMERICAN PETROFINA  
DAILY DRILLING REPORT

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===> DEVELOPMENT WELLS <===

6.5# J-55 EUE TBG. BAKER MODEL B2 ANCHOR. BHA = 121.29. 218 JTS 2-7/8"  
6.5# J-55 EUE TBG (6862.64'). 1 JT 2-7/8" 6.5# N80 EUE TBG 31.65. TOTAL  
STRING = 7015.58. WELL FLOWING GCW UP ANNULUS WHEN PROD STRING IN HOLE.  
RD TONGS & RIG FLOOR. SI. SDFN.

05/03/85 CUM.COST \$535.920 DAILY COST \$4.165  
COMPLETION

7 AM SITP 700. SICP 1000. BLED OFF CSG PRESS. RU PUMP & LINES. PUMP  
APPROX 150 BBLs KCL WTR DWN TBG TO KILL WELL. CIRC OUT GAS & OIL. WELL  
DEAD. ND 7-1/16" 5-M BOP'S. SET BAKER ANCHOR CATCHER W/ 24.000# (34")  
STRETCH. BOTTOM HOLE PROD TBG = 7025.58. SH 6970. ANCHOR CATCHER  
6904.29. NU TBG BONNET W/ SLIPS & 2-9/16" 3H BARTON MASTER VALVE. RU  
SWAB. SWAB 1:00 AM - 12:00 NOON (1 HR). MADE 2 SWAB RUNS. WELL STARTED  
TO FLOW. FLOWED 12 NOON - 7:30 PM (7-1/2 HRS). MADE 574 BF (77 BBLs/HR)  
OIL WTR RATIO UNKNOWN. SI WELL DUE TO LACK OF TANK STORAGE. SDFN.

05/04/85 CUM.COST \$842.400 DAILY COST \$3.780  
COMPLETION

7 AM SITP 1550. SICP 1575. NU WELLHEAD (FLO TREE & REM'D CHOKE). DRAIN  
WTR FROM SWAB TANKS. RD MO GAMACHE RIG #17.

05/05/85 CUM.COST \$842.400  
SI WO BATTERY

05/06/85 CUM.COST \$842.400  
START BATTERY CONSTR

05/07/85 CUM.COST \$842.400  
BATTERY CONSTRUCTION

05/08/85 CUM.COST \$842.400  
BATTERY CONSTRUCTION

05/09/85 CUM.COST \$842.400  
BATTERY CONSTRUCTION

05/10/85 CUM.COST \$842.400  
BATTERY CONSTRUCTION

05/11/85 CUM.COST \$842.400  
BATTERY CONSTRUCTION

05/12/85 CUM.COST \$842.400  
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05/13/85 CUM.COST \$842.400  
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05/14/85 CUM.COST \$842.400  
BATTERY CONSTRUCTION

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BALL SEALERS. CLOSE PKR BYPASS & PRESS ANNULUS TO 3000 PSI. BREAK DWN W/  
1100 PSI TBG PRESS. DISPLACE W/ 24 BBLs KOL WTR @ 5 BPM @ 1100 PSI. NO  
BALL ACTION. ISIP 250#. 5, 10, 15 MIN SIP'S ALL 250#. TOTAL LLTR 24 BBLs  
XYLENE & 24 BW. RD MD DOWELL. SDFN.

04/28/85 CUM.COST \$813,180 DAILY COST \$4,355  
COMPLETION

7 AM SITP 0. SICP 0 PSI. PKR STILL SET. RU SWAB. SWAB 8 AM - 4 PM (8HRS)  
IFL @ SURF. FFL @ SN 4000'. REC'D 40 BBLs FLUID. 8 BLFTBR. TOOK ONLY 2  
RUNS TO REACH 2N. 10 AM - 4 PM. MADE 1 RUN/HR. REC'D 0.5 BF/HR. 4 PM  
SAMPLE DK BRWN CRUDE, HEAVY WTR IN OIL EMULSION W/ TRACE OF GAS. LIQUID  
OIL IS HEAVILY CUT W/ XYLENE. RDFN.

04/29/85 CUM.COST \$817,335 DAILY COST \$4,155  
COMPLETION

SITP 50 PSI, SICP 0 (PKR SET). RU TO SWAB. SWAB 7 AM - 4 PM (9 HRS). IFL  
2300'. FFL @ SN 4000'. REC'D 14 BF. 3 BBLs OVER LOAD. FLUID IS 100%  
DARK BRN OIL W/ TR GAS. SAMPLES ARE MORE LIQUID THAN ORIGINAL SAMPLES BUT  
VIS IS COMING UP SLOWLY. LAST 7 HRS. 1 RUN/HR. REC'D 9 BBLs. SWAB RATE  
1.3 BBLs/HR (W/ GAS BREAKOUT RECOVERY EST @ 5 BBLs).

04/30/85 CUM.COST \$824,175 DAILY COST \$6,840  
COMPLETION

7 AM SITP 50#. SICP 0 (PKR SET). RU SWAB. SWAB 7 AM - 12 PM (5-1/2 HRS).  
IFL 3200'. FFL 4000' S.N. REC'D 6.7 BBLs DK BRWN OIL W/ SL SHOW WTR.  
FILLED TBG W/ 24 BBLs KOL WTR. REL PKR. CIRC W/ 2 JTS. CIRC WELL W/ KOL  
WTR TO REMOVE OIL FROM WELLBORE. POOH W/ 3 JTS. RESET PKR @ 3972'. PRES  
ANNULUS TO 4000 PSI & SI. SPOT 35 SX 20/40 SD ON BTH. EST INJ RATE 4 BPM  
@ 400 PSI. SBP 30 MIN TO LET SD SETTLE ON RBP. SQUEEZE OFF: MIX & PUMP  
50 SX GLAN 'G' W/ 2% CACL2. MIX & PUMP 50 SX CLAN 'G' NEAT. TOTAL SLURRY  
VOL 20.5 BBLs. DISPL CX W/ 15 BBLs FRESH WTR. STAGE SQUEEZE 6 BW OVER 42  
MIN. MAX PRESS 3700 PSI. @ 3700 PSI PKR UNSEATED. BLED OFF TBG & CSG  
REVERSED CX SLURRY FROM TBG. CIRC OUT APPROX 3 BBLs CX. RESET PKR. PRES  
TEST TO 3500 PSI. HELD FOR 5 MIN. NO LEAK OFF. TOTAL CX IN FM 16 BBLs.  
CX LEFT IN CSG 1-1/2 BBLs. 3 BBLs REVERSED OUT. REL PKR. RD MD DOWELL.  
POOH. LD RTTS PKR.

05/01/85 CUM.COST \$827,290 DAILY COST \$3,105  
COMPLETION

RU & ROP USED 4-3/4" BIT & CX SUB. GIH. TAG CNT @ 3970'. RU PWR SWIVEL  
& STRIPPING HEAD. DRILL OUT APPROX 150' OF CNT & STRINGERS. PRESS TST  
5-1/2" CSG TO 3500 PSI. HOLD FOR 30 MINS. NO LEAK OFF. RD PWR SWIVEL.  
CONT GIH. TAG SD @ 4980'. WASH OFF SD FROM R.P. CIRC HOLE CLEAN. RD  
STRIPPING HEAD. POOH. LD BIT & SUB. SDFN.

05/02/85 CUM.COST \$831,755 DAILY COST \$7,175  
COMPLETION

PU BTD HEAD. GIH. CIRC ON TOP OF REP FOR 45 MIN. REL RBP. CONT TO CIRC  
TOOK OIL & GAS KICK. LOST 75 BF. WELL NOT DEAD. SBP 30 MIN. WELL STOP  
FLOWING. POOH. LD HALLIBURTON MODEL 3 RBP. PU PROD TOOLS. GIH W/ MUD  
ANCHOR. 1 JT 2-7/8" 6.5# J-55 EUE TBG, PERF RIPPLE, S.N., 2 JTS 2-7/8"

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RETRIEVING TOOL & GIH. TAG SD FILL @ 7177'. RU STRIPPING HEAD. PUMP & LINES. WASH OUT 91' OF FRAC SD FILL. CIRC HOLE CLEAN. REL RBP. WELL CONT'D TO FLOW. POOH. REC'D RBP. LEFT WELL FLOWING INTO FRAC TANK. SDFN. WELL FLOWED APPROX 500 BBLs G & GCW; APPROX 1250 BBLs LLTR.

04/23/85 CUM.COST \$785,725 DAILY COST \$8,945  
COMPLETION

WELL FLOWED O & GCW DURING NITE. FILLED 400 BBL SWAB TANK & 100 BD. OVERFLOWED INTO RESERVE PIT. SI. MI RU NL MCCULLOUGH. RAN COL/GRL FROM PSTD @ 7453 - 5600'. FRAC HT 7040 - 7290'. RD MD MCCULLOUGH. SICP 600PSI OPEN WELL. FLOW OACOLW. BLEED DWN CSG PRESS. PUMP 60 BBLs KCL WTR. WELL ON VACUUM. PU & GIH W/ PROD TOOLS. CHANGE IN ORDERS. PUMP OUT SKINNER DISK. POOH W/ 28 STANDS IN HOLE (1760'). WELL STARTED TO FLOW WTR. RU PUMP & LINES. UNABLE TO CIRC OUT GAS. WELL IS FLWDG VERY HI GDO & WTR. BLOW WELL TO PIT. KILL W/ 60 BBLs 3% KCL WTR. WELL ON VACUUM. GIH W/ 2-7/8" TBG W/ 56 STANDS IN HOLE (3525'). TBG UNLOADED GCW. PUMP KCL WTR DWN TBG ON VACUUM. RU STRIPPING HEAD. CONT GIH W/ ANNULUS FLOWING GCW. HANG TBG @ 7000'. SIW. SDFN.

04/24/85 CUM.COST \$791,495 DAILY COST \$5,770  
COMPLETION

7 AM SITP 1400#, SICP 1375#. OPENED WELL TO FLOW ANNULUS GAS. PUMPED 150 BW. PUMPED 2% KCL WTR DWN TBG TO FILL HOLE. CIRC OUT GAS & OIL. POOH. LD PROD TOOLS. PU HALLIBURTON MODEL 3 RBP & GIH. SET RBP @ 4988'. SIWELL SDFN.

04/25/85 CUM.COST \$797,585 DAILY COST \$6,090  
COMPLETION

SITP 6. SICP 6. RIG UP PUMP & LINES. CIRC HOLE - NO GAS OR OIL. PRESS TST 300. PIPE RAMS. TBG HEAD. 5-1/2" CSG & RBP TO 5000 PSI. HOLD FOR 15 MIN. NO LEAK OFF. RIG UP SWAB. SWAB FL TO APPROX 2500'. POOH. PUT 10 GALS 70/40 SD ON RBP. MI RU NL. MCCULLOUGH. PERF UPPER GRN RVR FM 4036 - 4044 (8') W/ 3 SHOTS. USING 4" OD CSG GUN W/ 8-23 GM OMEGA II JET CHARGES FL @ 3200' WHILE PERFING. SLIGHT BLOW AFTER PERFING. RD MD MCCULLOUGH. PU HALLIBURTON RTTD PKR & GIH. SET PKR @ 4004'. RU TO SWAB. SWAB 4 PM - 5PM (1 HR). IFL 3000'. PFL @ SN (4000'). 2 RUNS FROM SN. 2ND RUN REC'D 30' OF FLUID. 5 BW W/ SHOW OF BLK TARLIKE OIL. RD SWAB. SE WELL. SDFN.

04/26/85 CUM.COST \$801,790 DAILY COST \$4,205  
COMPLETION

SITP 0. SICP 0. RU SWAB. GIH W/ SWAB CURS. IFL @ 3200'. UNABLE TO GET SWAB CURS TO FALL THRU OIL. RUN PARAFIN KNIFE TO 3700'. STUCK PARAFIN KNIFE. POOH. PLUGGED FLOWLINE & LUBRICATOR W/ HEAVY ASPHALTIC CRUDE. UNABLE TO GET SINKER BARS TO FALL OUT OF LUBRICATOR. LD & CLEAN OUT LUBRICATOR W/ DIESEL FUEL FIRE. RU LUBRICATOR. SWAB W/ PARAFIN KNIFE TO OBTAIN OIL SAMPLE. UNABLE TO GET PARAFIN KNIFE TO SN. SDFN.

04/27/85 CUM.COST \$808,925 DAILY COST \$6,535  
COMPLETION

AT RU DOWELL. BREAK DWN UPPER GRN RVR FM 4036 - 4044'. OPEN PKR BYPASS. PUMP 70 BBLs HOT KCL WTR TO FILL HOLE. SPOT 1000 GAL P-20 (XYLENE) W/ 20

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SICP 400 PSI. BLEED OFF GAS PRESS. RU SWAB. IFL @ 2300' (LEFT FL @ 3200' LAST NOTE). SWAB GAS/OIL OUT WTR. FFL @ 5000'. POOH. WELL GASING DURING TRIP. MI RU OWP. GIH W/ PERF GUN. FL @ 4600'. TAGGED RBP @ 7762' (-6' TO TPG MEASUREMENTS). CONCLUSION: RBP IS IN CORRECT SPOT; LEAKING OIL & GAS FROM LOWER PERFS). POOH & LD PERF GUN. RD OWP. PU & GIH W/ RETRIEVE TOOL. RETRIEVE RBP & POOH. TWICE WELL STARTED TO UNLOAD WTR & GAS. KILLED WELL W/ KOL WTR. CONT POOH. REC'D RBP. NO VISIBLE EXTERIOR DAMAGE SHOWIN CAUSE OF LEAK. SDFN. SI WELL @ 7 PM TO FINISH TRANSFERRING OIL FROM SWAB TANK. OPEN WELL @ 9:45 PM. FLOWING GAS & WTR.

04/19/85 OWH.COST \$690.715 DAILY COST \$66.010  
COMPLETION

WELL FLOWED APPROX 40 BBLS G & OCW TO SWAB TANK DURING NITE. PU HALLIBURT MODEL 3 RBP & MODEL RTTS PKR. GIH. WELL UNLOADED 4X G & OCW. KILL WELL W/ KOL WTR. SET RBP @ 7269'. POOH 1 STAND. SET PKR @ 7200'. RU PUMP & LINES. FILL TBG. PRESS TST RBP TO 5000 PSI. HOLD 15 MIN. NO LEAK-OFF. REL PKR. RU TO SWAB. SWAB O & GCW TO APPROX 3000'. POOH W/ TBG. MI RU OWP. USE SELECT FIRE SYSTEM. PERF'D 20 HOLES 7062 - 7205 AS FF: 7064, 7076, 7078, 7082, 7084, 7118, 7120, 7124, 7126, 7134, 7136, 7138, 7170, 7174, 7181, 7183, 7189, 7191, 7200, 7202. USED 20-23 GM SSB2 CHGS, ALL GUNS FIRED. FL @ 3600' WHILE PERFING. RD MD OWP. LEFT WELL OPEN TO SWAB TANK. SDFN.

04/20/85 OWH.COST \$701.555 DAILY COST \$10.840  
COMPLETION

WELL UNLOADED APPROX 10 BBLS FRAC FLUID INTO SWAB TANK OVERNITE. PU HOWCO RTTS PKR & GIH. WELL KICKED G & OCW 3X'S. KILL W/ KOL WTR. MI RU DOWELL FILL HOLE & CIRC OUT OIL & GAS. MIX & PUMP 50 BBLS 3X KOL WTR W/ 3 GAL/THOUS. TFA 380 W/ 50 BALL SEALERS. SET PKR @ 6994'. PRESS TST ANNULUS TO 2000 PSI. BREAK DWN GRN RVR FM 7062 - 7205'. HAD NO BREAK DWN. EST RATE @ 9.0 BBL/S MIN @ 4300 SPI. BALLED OUT AT 8000#. SURGE BALLS OFF PERFS - RE ESTABLISH RATE @ 9 BPM @ 4050 PSI. ISIP 1350 PSI (BHP 4436 PSI @ 0.63 FRAC GRADIENT). 5 MIN SI 620#, 10 MIN SI 450#, 15 MIN SI 350#. TOT LOAD 90 BBLS. RD DOWELL. RU TO SWAB. SWAB 1 PM TO 5 PM (4HRS). IFL @ SURF. FFL @ 3000'. REC 90 BF. 99% WTR W/ SHOW OF GAS & TR OF BLK OIL. RD. SWAB & SDFN.

04/21/85 OWH.COST \$774.735 DAILY COST \$73.100  
COMPLETION

WELL MADE 40 BW DURING NITE. REL PKR. RU PUMP & LINES & CIRC OUT GCW. GIH. KNOCK BALLS OFF PERFS. POOH. LD PKR. MI RU DOWELL. FRAC GRN RVR PERFS 7062 - 7265: PUMPED 72,500 GALS YF4PSD X LINED 3X KOL WTR W/ 204,000# 20/40 SD. INJECT IRIIDIUM 190 R/A TRACER THROUGHOUT JOB. FLUSH W/ 1900 GAL 3X KOL WTR. TOTAL LOAD (THIS JOB) 1390 BBLS. AVE RATE 45BPM. AVE PRESS 2960. BHP 3309. ISIP 1900 PSI. 5 MIN SI 1690. 10 MIN SI 1590. 15 MIN SI 1530. JOB COMPLETE @ 12:30 PM ON 4/20. SI WELL. RD DOWELL. SI. SDFN.

04/22/85 OWH.COST \$777.680 DAILY COST \$2.945  
COMPLETION

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7 AM SICP 350 PSI. BLEED OFF PRESSURE. WELL FLOWED APPROX 40 BBLW. PU

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04/12/85 CUM.COST \$653,735 DAILY COST \$3,215  
COMPLETION

GIH W/ 5 STDS. RU PUMP & LINES. CONT TO WASH OUT FRAC SD 6900 - 7464'  
(30' SD LEFT ON TOP OF RBP). CIRC HOLE CLEAN. POOH W/ 7 JTS. BTM OF TBG  
@ 7244'. WELL IS FLOWING FRAC LOAD WTR. RD TONGS & STRIPPING HEAD. FOUR  
NEW ROPE SOCKET. RU SWAB. SWAB 12 NOON - 5:00 PM (5 HRS). IFL @ SURF.  
FFL @ 1600'. REC'D 153 BBLs FRAC LD WTR W/ SHOW OF GAS & TR OIL. LLTR  
1426' FRAC WTR. LEFT WELL OPEN TO SWAB TANK FOR NITE. SDFN.

04/13/85 CUM.COST \$657,050 DAILY COST \$3,315  
COMPLETION

WELL OPEN TO SWAB TANK ALL NITE; FLOWED SMALL AMT GAS - NO FLUID. RU SWAB  
SWAB 7 AM TO 5 PM (10 HRS). IFL @ SURF. FFL 2400'. REC'D 261 BFM W/ SHOW OF  
GAS & TR OIL. 465 BLWTR.

04/14/85 CUM.COST \$661,345 DAILY COST \$4,295  
COMPLETION

WELL OPEN TO SWAB TANK ALL NITE; FLOWED SMALL VOL GAS - NO FLUID. RU SWAB  
SWAB 7 AM TO 5:30 PM (10 HRS). IFL @ SURF. FFL 2400'. REC'D 263 BFW, MEAS  
86% WTR. 14% BLACK GASEY EMULSION. HTD 4PH SMPLE: 50% OIL, 20% WTR, 30% GAS  
REC 233 BW, 1980. 932 BLWTR.

04/15/85 CUM.COST \$664,975 DAILY COST \$3,630  
COMPLETION

WELL FLOWED 60 BP DURING NITE. RU SWAB. SWAB & FLOW WELL 7:30 AM TO 5 PM  
(10 HRS). IFL @ SURF; FFL 500'. LAST 3 SWAB RUNS FROM SN @ 7215'. REC'D  
196 BFL. SMPLE REC FROM LAST 3 SWAB RUNS: 50% WTR, 20% OIL, 30% GAS. TOTAL  
REC 186 BW, 70 BD, 746 BLWTR. LEFT WELL OPEN TO SWAB TANK - FLOWING GAS.

04/16/85 CUM.COST \$667,855 DAILY COST \$2,260  
COMPLETION

WELL UNLOADED 24 BF DURING NITE. RU SWAB. SWAB 7 AM - 4 PM (9 HRS). 7 AM  
STOP 1050 PSI. IFL 2100'. FFL 5000'. REC'D 83 BF. AFTER 4TH SWAB RUN,  
ANNULUS UNLOADED GAS THRU TBG. FLOWED FOR 1 HR. LAST 7 HRS (9 AM - 4 PM)  
MADE 1 RUNNER FROM SN @ 7215'. REC'D 30 BF IN 7 HRS. SWAB RATE 4.3 BFPH.  
HTD OIL SAMPLE FROM LAST 3 RUNS: 19% OIL, 46% WTR, 33% GAS. TOTAL RECOVERY  
TODAY 76 BW, 31 BD. LLTR 670 BFLW. CALC OIL PROD RATE: 30 BOPD.

04/17/85 CUM.COST \$678,445 DAILY COST \$10,550  
COMPLETION

WELL DID NOT FLOW DURING NITE. RU SWAB. SWAB 7 AM - 9 AM (2 HRS). 7 AM  
STOP 950 PSI. MADE 4 RUNS. ANNULUS UNLOADED THRU TBG. REC'D 65 BF. NO  
FLUID SAMPLES TAKEN. FILL HOLE W/ KOL WTR. CIRC. GIH. RU STRIPPING  
HEAD. WASH OUT 90' FRAC SD. RET'D RBP @ 7492'. POOH & LD 7 JTS. RESET  
RBP @ 7268'. RU PUMP & LINES. PRESS TEST BOP. PIPE RAMS, TBG HEAD, 3-1/2  
CGG & RBP TO 5000 PSI. HELD FOR 15 MIN. NO LEAK OFF. RD STRIPPING HEAD  
RU SWAB. SWAB FL TO 3200'. SDFN.

04/18/85 CUM.COST \$684,105 DAILY COST \$5,660  
COMPLETION

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HOLD 15 MIN. BLEED OFF 150#. BLEED OFF CSG PRESS. SDFN.

04/06/85 CUM.COST \$561,945 DAILY COST \$5,620  
COMPLETION

PRES TEST TO 5000#. NO LEAK OFF IN 15 MIN. RU TO SWAB. SWAB FL TO APPROX 5000'. POOH. RI RU OWP. PERF GREEN RVR FM 7335 - 7352 (14') 28 SHOTS 7351 - 7370' (5') 18 SHOTS USING 4" OD DML CSG GUN W/ 23 GM SSB2 CHGS. 7291 - 7299' (7') 14 SHOTS; 7302 - 7310' (8') 16 SHOTS USING 4" OD DML CSG GUN W/ 23 GM SSB2 CHGS. FL 4950' WHILE PERF'G. RD MD OWP. SI WELL. SDFN

04/07/85 CUM.COST \$565,685 DAILY COST \$3,740  
COMPLETION

SICP 55 PSI. BLEED OFF GAS PRESS. PU HOWCO RTTS PKR & GIH. SET PKR @ 7216'. RU SWAB. SWABBED 9:30 AM TO 11:30 AM (2 HRS). 3 RUNS. IFL 4700' 2 RUNS FROM SN @ 7260'. (CUT & REPLACED SWAB LINE) RECOVERED WTR W/ SHOW OF SOME BLK GASEY OIL. SDF EASTER.

04/08/85 CUM.COST \$565,990 DAILY COST \$310  
SDF EASTER SUNDAY  
WILL SWAB REST OF 4/8. FRAC IN AM.

04/09/85 CUM.COST \$584,815 DAILY COST \$18,820  
SITP 2150 PSI. BLEED OFF GAS PRESS. RU SWAB. 1ST RUN REC'D APPROX 400' GOC (BBLS). WAIT 1 HR. 2ND RUN. NO RECOVERY. RD SWAB. OPEN PKR BYPASS RI RD DOWELL. BREAK DWN GRN RVR FM (7291 - 7370): FILL HOLE W/ 125 BBLS HOT 30 PCL WTR. MIX 42 BBLS 3% KCL W/ 3 GAL PER THOUSAND TFA-380 W/ 150 7/8" BALL SEALERS. SET PKR. PRESS ANNULUS TO 3000. SI. BREAK DWN @ 2060 PSI @ 1 BPM. ESTAB RATE: 9.5 BPM @ 4000 PSI. BALL OUT. MAX PRESS 8200 PSI. ISIP NONE. 5 MIN SI 980 PSI; 10 MIN SI 950 PSI; 15 MIN SI 750 PSI. TOTAL LOAD 94 BBLS (41 BBLS INTO FM, 43 BBLS TRG VOL). RD DOWELL. RU SWAB. SWAB 1 PM - 5 PM (4 HRS). IFL @ SURF; FFL @ SEATING NIPPLE @ 7160'. REC'D SI 2FL. LAST 2 RUNS FROM SEATING NIPPLE. LAST RUN. REC'D 600' FLUID (3-1/2 BBLS MEASURED 78% WTR; 22% OIL). OIL IS BLK GASY. LESS VISCOUS THAN KASATCH CRUDE. REL PKR. EQUALIZE FLUIDS. LD TOP JT. SDFN.  
\*CORRECTION TO REPORT DATED 4/8/85: SHOULD READ RECOVERY TODAY (NOT TO DATE) 42 BBLS & 20\*\*

04/10/85 CUM.COST \$646,935 DAILY COST \$62,140  
FRAC GRN RVR FM

POOH. LD PKR. RD RIG FLOOR. RI RU DOWELL. FRAC GRN RVR FM (7291 - 7370) W/ 88,500 GAL YF4-PSD CROSS LINKED KCL WTR W/ 140,000# 20/40 SD. SCREENED OUT @ 5000 PSI. LEFT 33,500# SD INSIDE CSG. 104,500# SD INTO FM. AVE RATE 35 BPM. AVE PRESS 2460 PSI. MHP 2110. ISIP NONE. 5 MIN SIP 1600 PSI, 10 MIN SIP 1030 PSI, 15 MIN SIP 730 PSI. SI WELL. RD MD DOWELL.

04/11/85 CUM.COST \$650,520 DAILY COST \$3,565

SICP @ PSI. RD FRAC VALVE. RU RIG FLOOR & TONGS. GIH W/ 2-7/8" TRG. RU PUMP & LINES. CIRC OUT SD LADEN FRAC FLUID. TAG SI BRIDGE @ 5470'. NO STRIPPING HEAD. CIRC OUT FRAC SD. CHNG OUT SAMACHE STRIPPING HEAD. CONT WASHING OUT FRAC SD TO 6800'. CIRC HOLE CLEAN. POOH W/ 5 STANDS. SDFN.

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TANK VALVES. WEATHER COLD & WINDY.

03/31/85 CUM.COST \$540,465 DAILY COST \$3,590  
COMPLETION

SICP 675 PSI @ 7:00 AM. FLOW WELL TO BLEED DOWN CP. GIH W/ 2-7/8" TBG (4910 - 6737). CIRC OUT SD LAID & FRAC WTR. TAG SOLID SD 6737'. RU STRIPPING HEAD & SWIVEL. WASH OUT SD 6737 - 7703' (PRTD). CIRC HOLE CLEAN UP & LD PIPE JTS. HANG TBG @ 7557'. LAY FLOWLINE TO SWAB TANK. FLOWED WELL ALL NITE TO CLEAN UP FRAC LOAD. MATADOR TRANSFERRED FRAC FLUID & KCL TO TANK.

04/01/85 CUM.COST \$543,105 DAILY COST \$2,640  
COMPLETION

WELL FLOWED 6:30 PM - 7 AM (12-1/2 HRS). MADE 94 BBLS FRAC LOAD WTR. RU SWAB. SWAB 7 AM - 5 PM (10 HRS). IFL @ SURF. FFL 2700'. REC'D 227 BBLS FLUID. 99% FRAC WTR W/ TRACE BLK FOAMY OIL. LOAD LEFT TO RECOVER 902 BBLS LEFT WELL OPEN TO SWAB TANK. SDFN.

04/02/85 CUM.COST \$545,745 DAILY COST \$2,640  
COMPLETION

WELL DID NOT FLOW DURING NITE. RU SWAB. SWAB 7 AM - 5 PM (10 HRS). IFL 600'. FFL 3700'. RECOVERED 184 BBLS FLUID. EST @ 99% FRAC WTR & TR BLK FOAMY OIL. CHLORIDES: @ 1:45 PM 12,500 PPM; @ 4:15 PM 14,000 PPM; @ 5 PM 13,000 PPM (3% KCL MAKE-UP WTR. MEASURED 14,500 PPM). LOAD LEFT TO REC 718 BBLS. LEFT WELL OPEN TO SWAB TANK. SDFN.

04/03/85 CUM.COST \$549,135 DAILY COST \$3,390  
COMPLETION

WELL DID NOT FLOW DURING NITE. POUR A NEW ROPE SOCKET. RU SWAB. SWAB 7 AM - 5 PM (10 HRS). IFL 1700'. FFL 5000'. RECOVERED 172 BBLS FLUID. EST 90% FRAC WTR & 10% BLK FOAMY OIL. HEATED TO 4:30 PM. FOAMY OIL SMPLE: 50% OIL. 50% WTR. RECOVERED TODAY: 163 BW, 9 BO. LOAD LEFT TO RECOVER: 555 BBLS. CHLORIDE MEASUREMENTS: 3:15 PM 10,500 PPM; 4:30 PM 11,500 PPM. LEFT WELL OPEN TO SWAB TANK. SDFN.

04/04/85 CUM.COST \$552,125 DAILY COST \$2,990  
COMPLETION

WELL DID NOT FLOW DURING NITE. RU SWAB. SWAB 7 AM - 5 PM (10 HRS). IFL 2400'. FFL 5600'. REC 128 BF: 88% WTR 12% BLK FOAMY OIL. HEATED OIL SAMPLE: 30% WTR. RECOVERY 117 BW, 11 BO. 438 BLFTBRL CHLORIDE MEASUREMENT: 2:00 PM 12,500; 4:00 PM 13,500; 4:45 PM 11,500 PPM. LEFT WELL OPEN TO SWAB TANK. SDFN.

04/05/85 CUM.COST \$556,175 DAILY COST \$4,050

WELL DID NOT FLOW DURING NITE. RU SWAB. SWAB 7 AM TO 10 AM (3 HRS). IFL 3400'. FFL 4800'. REC 47 BF EST 90%. WTR 10% OIL. NO SMPLE TAKEN. RECOVERY TO DATE 42 BW & BO. LOAD 396 BW TO BE REC. RD SWAB. POOH. LD NOTCHED COLLAR. FD HALLIBURTON MODEL BY RBP. G18. SET RBP @ 7492'. POOH W/ STAND. RU PUMP & LINES. FILL HOLE W/ HOT KCL WTR. CIRC OUT CRUDE OIL. ST WELL. RT BOP'S, PIPE RAMS, TBG HEAD & VALVES. 5-1/2" CSG & RBP TO 5000 PSI. HOLD FOR 15 MIN. BLEED OFF 5000. REPRESSURED TO 5000 PSI. H

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COMPLETION

PU CSG SCRAPER. GIH TO PBTD. PT PIPE RAMS TO 5,000 PSI. 15 MIN. NO  
LEAKOFF. RU TO SWAB. 3RD SWAB RUN RAN INTO LUBRICATOR. PARTED @ ROPE.  
SAGHET DROPPED SWAB INTO TBG. POOH W/ TBG. LD 7 JTS. LD CSG SCRAPER.  
RECOVERED SWAB. GIH TO 5000'. RU SWAB. SWAB FLUID LEVEL TO APPROX 4000'  
SDFN.

03/22/85 CUM.COST \$484,870 DAILY COST \$13,040

COMPLETION

POOH. MI RU NL MCCULLOUGH. PER'D WASATCH FM: 7584 - 7591' & 7602 - 7617'  
W/ 4 HOLES/ FT. USED 4: OD CSG GUN W/ 60 12 GM OMEGA-2 CHGS & 4" OD CSG  
GUN W/ 28 22 GM OMEGA 2 CHGS. FL @ APPROX 4300' WHILE PERFINING. LOGGERS  
PBTD @ 7706'. RD MC MCCULLOUGH. PU HALLIBURTON RTTS PKR. GIH W/ 2-7/8"  
TBG. HANG PKR APPROX 7500". MI RU DOWELL. BREAK DOWN PERF 7584 - 7617' AS  
FOLLOWS: FILL HOLE W/ 65 BBLs 3% KOL WTR. SET PKR @ 7504'. CIRC W/ 40 BBLs  
3% KOL W/ 13% TFA-380 W/ 125 7/8" BALL SEALERS. SI WELL. PRESSURE ANNULU  
TO 3000 PSI. BREAK DOWN PERFS. BREAK DOWN PRESS 3000 PSI. ESTAB RATE @  
8 BPM @ 4300 PSI. GOOD BALL ACTION. DID NOT BALL OUT. FINISH JOB @ 5.5  
BPM @ 6100 PSI. ISIP 2200 PSI. FRAC GRAD 0.73 PSI/FT. 5 MIN SI 1700.  
10 MIN SI 1500. TOTAL LOAD 93 BBLs (50 BBLs INTO FM. 43 BBLs IN TBG VOLUME  
RD. MC DOWELL. RU TO SWAB. SWAB 4-6 PM (2 HRS). IFL @ SURF. FFL @ 4500'.  
RECOVERED 45 BBLs FLUID. 100% WTR W/ SHOW OF FOAMY BLK OIL ON LAST RUN.  
LOAD LEFT TO RECOVER 48 BBLs. SDFN.

03/29/85 CUM.COST \$492,060 DAILY COST \$7,190

COMPLETION

SWAB FROM 7:30 AM TO 10:30 AM (3 HRS). 900' FLUID. IFFL 5400'. MADE 10  
RUNS. RECOVERED 31 BBLs FLUID. MOSTLY BLK THICK GASY OIL. HEATED 10:30  
SAMPLE: 80% OIL: 40% WTR. ON 10TH RUN. SWAB HIT RESTRICTION IN TBG.  
LOPPED & KINKED SWAB LINE BUT DID NOT PART. POOH W/ SWAB. SD. WAIT 2 HRS  
RESUME SWABING FROM 12:30 PM TO 4:00 PM (3-1/2 HRS). IFFL 550'. FFL 5700'.  
RECOVERED 13 BBLs GASY OIL. HEATED 4:00 PM SAMPLE: 100% OIL. 6% WTR.  
SWAB RATE 3.7 BBLs/HR (89 BOPD). EST 45 BOPD AFTER GAS BREAKOUT. RD SWAB  
REL PKR. PREP TO POOH. SDFN.  
\*\*SHOULD BE FRACING THIS AM\*\*

03/30/85 CUM.COST \$536,875 DAILY COST \$44,840

COMPLETION

BEGIN FRACING @ 9:00 AM. POOH. LD PKR. RD TONGS/RIG FLOOR. MI RU DOWELL  
65 BBLs TO FILL HOLE. FLEW CHICK-SON RUBBER SAND. SAND ERODED OUT CHICK-  
SAND. SHUT IN PUMP. ATTEMPT TO BRING STANDBY PUMP ON LINE. ENGINE  
STOPPED. 225 GALS 3% KOL WTR FLUSH 0+ SD. 18 - 0 BPM. 3900 PSI TO 5200  
PSI. LOW RTE SCREEN OUT DURING FLUSH DUE TO LOW RATE. JOB COMPLETE @  
12:45 PM ON 3/29.

ICIP 4200: 5 MIN SI 2210, 10 MIN SI 1910, 15 MIN SI 1680  
48,500 GALS XFA PSD FLUID W/ 202,000 20/40 SD SCREENED OUT DURING FLUSH.  
LEFT 36,000+ SD IN CSG & 166,000+ IN FM. TOTAL LOAD 1223 BBLs 3% KOL WTR.  
AVE RATE 22.2 BPM (CLEAN) 26.1 BPM (DIRTY). AVE PRESS 2800 PSI. 1791 HHP.  
FRAC WASATCH FM FROM 7584' - 7617' AS DESCRIBED ABOVE. RD MC DOWELL. SDFN  
@ 2:00 PM. RIG CREW STAYED TO OUT & SPLICE SWAB LINE. ROSS CONST BLADED  
LSE ROAD DUE TO BLOWING SD. HI-OD REPAIRED 2 LEAKS IN FRAC TANK & REP'D 3

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CUM: \$408,982.00

\*  
3/10 PREP LOCATION FOR COMPLETION. FINISH ROAD RIG #1 J.B. RODEN.  
CUM: \$409,482.00

\*  
3/11 POLICE GARBAGE FROM LOCATION. HAUL TRASH TO CITY DUMP. COLUMBINE  
NO MUD LOGGING TRAILER. SET DEAD MAN ANCHORS.  
DAILY: \$1,300.00  
CUM: \$410,782.00

03/12/85 CUM.COST \$412,782 DAILY COST \$2.000  
SHUT DOWN OPERATIONS

RKY MTN ANCHOR SET @ TESTED 4 DEAD MAN ANCHORS. GALLEY CONST PULLED  
ANCHOR TRUCK OUT DUE TO EXTREMELY MUDDY ROADS. SHUT DOWN ALL OPERATIONS  
DUE TO RAIN AND THAWING CONDITIONS.  
\*\*WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY\*\*

03/25/85 CUM.COST \$454,820  
\*OPERATIONS RESUMED\*

\*\*LAST REPORT DATE 3/12/85\*\*

3/23/85 BLADED ROAD & LOC. MI GAMACHE RIG #17; STUCK IN ROAD. NO CAT  
RIG TRUCK TO GET FREE. DAMAGED +/- 1 ACRE GROUND. FINISH MI RU GAMACHE.  
DLY COST: \$4,850.00  
CUM COST: \$415,360.00

\*  
3/24/85 MI RU GAMACHE RIG # 17. MI PIPE RACKS. PWR SWIVEL. CIRC TANK.  
NO ERC TCM 11: 3M 7-8/8" 3M TBGHEAD W/ 2X 3-8/8" RING VALVES. PT TO 5000  
PSI. NO GILFIELD RENTAL. 7-6/8" 5M HYDRAULIC BOP. PU BIT & 2 DC. PU &  
GIR W/ 2-7/8" TBG. TAG CNT (STAGE COLLAR) @ 439'. LD 2 JTS. RU PWR  
SWIVEL. ROT HEAD.  
DLY COST: \$32,240.00  
CUM COST: \$447,600.00

\*  
3/25/85 MI RU GAMACHE PIPE PUMP. HAULED 400 BBLs 3X KCL WTR. DRILL 86'  
CNT. STAGE COLLAR @ 4477'. RD PWR SWIVEL. ROT HEAD. PU & GIR W/ 2-7/8"  
TBG. TAG PSTD @ 7707'. RU PUMP & LINES. DISPLACE HOLE W/ 142 BBLs 3X KCL  
RD & DRACK PUMPING LINE. PUMP W/ 3 STANDS. 3500  
DLY COST: \$7,220.00  
CUM COST: \$454,820.00

03/26/85 CUM.COST \$465,362 DAILY COST \$8.270  
COMPLETION

POOH. LD 3 DC. MI RU NL MCCULLOUGH. RUN CBL-COL-GR W/ VDL 7704 - 7400'  
BORD. 7704 - 6140' 80% - 90% GOOD BND OVER WADATCH & GR RVR ZONES. TOP OF  
1ST STAGE @ APPROX 4950'. DV TOOL @ 4472'. GOOD CNT TO 3000' COVERING  
UPPER GRN RVR ZONE. CX IS POOR FROM 3000' TO TOP @ APPROX 2130'. ADEQUAT  
COVERAGE OVER UINTA GAS ZONE. RD NO MCCULLOUGH. RU PUMP & LINES. PT  
BLIND RMD. TBGHEAD. VALVES. 5-1/2" CSG TO 5000 PSI. 15 MIN NO LEAK OFF.  
REL RENTAL PWR SWIVEL & CIRC EQUIP.

03/27/85 CUM.COST \$471,832 DAILY COST \$6.470

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BRWN STAIN. BLUE/WHITE FLOUR. WEAK CUT. ANG TO SUB  
ROUNDED W/ SOME FREE FLOATING COARSE GRAINS.

MWT 9.2, VIS 36, WL 10, FC 2, PH 9.5, CL 300, GB 2-4, SOLIDS 7.3%, SD .25%

DAILY COST: \$6,790.00

CUMUL COST: \$248,445.00

\*

3/4/85 PD 76FT'. MADE 82' IN 17-1/2 HRS.

DRLG IN WASATCH FM.

MWT 9.2, VIS 38, WL 10, PH 10, CL 300, BG 2-4, TG 26

RERUN BIT #4. NO SHOWS.

DAILY COST: \$1,856.00

CUMUL COST: \$250,281.00

03/05/85 CUM.COST \$256,157 DAILY COST \$5,876

TRIPPING FOR LOGS 0103 FT IN 19 HR 45 MIN

SHOWS: 7692' - 7702' BROKE FROM 14 TO 3-1/2 MIN/FT. NO GAS

7706' - 7717' BROKE FROM 7 TO 1-1/2 MIN/FT. 4 TO 14 GAS UNITS

C1 10, C2 5, C3 4, C4 1

MWT 9.2, VIS 44, WL 10, FC 2, PH 10, GB 2, CL 300

03/06/85 CUM.COST \$264,582 DAILY COST \$8,425

LOGGING

MWT. 9.3, VIS 44, WL 8.8, FC 2, PH 10.5, SOLIDS 7.3%, SD .25%

03/07/85 CUM.COST \$269,332 DAILY COST \$24,750

LD DC

REACHED TD OF 7800' @ 4 AM ON 3/5

RAN DIL 7800' - 418', CNL/CDL 7800' - 418', WL 7800' - 6800' &amp; 5000-4000'

TITE HOLE @ 4100' - 2500'. 4036' - 4038' ZONE IS WASHED OUT TO 15" IN

POTENTIAL TEST ZONE. DOUBTFUL IF FMT TOOL WILL WORK.

RAN ACCUSTILOG TO BTM, HAD 24' OF FILL. RD MG DRESSER. GIH W/ DC &amp; DP TO

TD. GAS 45' FILL OFF PTM. CIRC &amp; COND MUD. POOH LD DP &amp; DC

03/08/85 CUM.COST \$404,610 DAILY COST \$113,675

RAN 7800.71' OF 3-1/2" (78) NEG LTD PROD CSG SET @ 7797.71.

\*

WASH LAST JOINT INTO HOLE 30' OF FILL. CSG ON BTM @ 1:30 PM. CIRC 2 HRS

RU BOWELL TO CNT: 1ST STAGE - 15 BBLs SPACER 3.000. 1000 GAS DW 100 MUD

FLUSH. 725 SX RFC 10/0 CNT W/ 1% CACL2. 80 BBLs WTR. 98 BBLs DRLG MUD

PD @ 6:15 PM. BUMP PLUG 2500 PSI. FLOAT HELD OK. DROP BOMP.

OPEN STAGE COLLAR. ESTAB CIRC. CIRC HOLE FOR 90' @ 7 BPM. SHUT DWN. WOC

4 HRS. 2ND STAGE - 15 BBLs SPACER 3000. 1000 GAL DW 100 MUD FLUSH. 300

SX HIGH LIFT CNT. 825 SX RFC 10/0 WITH 0.1% D-74. 1% CACL2. 104 BBLs WTR

PD @ 5 AM. POTENTIAL RETURNS 0-50% DURING DIS

NO CNT TO SURF. TRIP PLUG W/ 1800 PSI. CLOSE STAGE COLLAR. FLOAT HELD.

SET CSG SLIP. ND BOP STACK. CUT OFF 5-1/2" CSG. RIG RELEASED @ 8PM 3/6

03/11/85 CUM.COST \$419,782 DAILY COST \$1,360

COMPLETION

3/8 RDHD ROTARY TOOLS. STACK OUT RIG ON 31-1 STATE LOCATION.

DAILY: \$1,500.00

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C1 24, C2 4, C3 4, C4 2  
7045 - 7047' BROKE FROM 6 TO 3 MIN/FT. GAS FROM 9 TO 30 UNITS  
C1 30, C2 6, C3 8, C4 2  
7086 - 7091' BROKE FROM 7 TO 2 MIN/FT. GAS FROM 4 TO 34 UNITS  
C1 38, C2 10, C3 8, C4 3 (PROBABLY #7 ZONE)  
7125 - 7130' BROKE FROM 7 TO 2 MIN/FT. GAS FROM 4 TO 42 UNITS  
C1 54, C2 5, C3 2, C4 2

MWT 9.3, VIS 36-38, WL 8.2, FC 2, PH 9.0, GB 2-6, CL 300, SOLIDS 4%,  
SD .25%

NEW SHALE SHAKER; WILL SWAB OUT EITHER ON TODAY'S TRIP OR WHEN SHAKER  
CRATERS AGAIN.

02/28/85 CUM.COST \$235,621 DAILY COST \$5,624

TFE 9166 FT IN 23 HR 15 MIN

DRLG BREAKS: 7138 - 7140 BROKE FROM 6 TO 3 MIN/FT. GAS 4 TO 22 UNITS.  
C1 21, C2 8, C3 6, C4 2  
7205 - 7210 BROKE FROM 8 TO 1-1/2 MIN/FT. GAS 6 TO 44 UNIT  
C1 44, C2 12, C3 12,  
7300 - 7304 BROKE FROM 8 TO 3 MIN/FT. GAS 4 TO 15 UNITS  
C1 20, C2 6, C3 4, C4 1

MWT 9.3, VIS 38, WL 9, FC 2, PH 9, SOLIDS 7.3%, SD .25%

03/01/85 CUM.COST \$235,621

DRLG 9102 FT IN 10 HR 30 MIN

SHOWS: #2 ZONE 7331 - 7365' BROKE FROM 8 TO 3 MIN/FT. GAS 4-15 UNITS  
C1 40, C2 15, C3 9, C4 2; FC 33 LT BRUN, EVEN  
OIL STAIN, DULL GOLD FLOUR; WK OUT  
#1 ZONE 7370 - 7374' BROKE FROM 6 TO 2-1/2 MI/FT. GAS 4 TO 13 UNI  
C1 40, C2 14, C3 9, C4 2, SD FG ANG, SPOTTY  
BLK OIL STAIN; DULL FLOUR; FAIR STREAM OUT

TOP OF WASATCH 7375' (BY SAMPLE)

MWT 9.2, VIS 37, WL 9.2, PH 9.5, CL 300, GB 2-8, SOLIDS 7.3%, SD .25%

SURVEY: 1 DEG @ 7320'

NO COSTS GIVEN

03/04/85 CUM.COST \$250,281 DAILY COST \$1,666

DRLG

3/3/85 PD 7524' MADE 12' IN 23-2/4 HRS.

DRLG IN WASATCH FM.

MWT 9.2, VIS 37, WL 10, FC 2, PH 9, SOLIDS 5.8%, SD .25%

DAILY COST: \$6,834.00

CUMUL COST: \$241,655.00

\*

3/5/85 PD 7650' MADE 91' IN 16-3/4 HRS.

TRIP FOR HOLE IN PIPE

SHOWS: 7591 - 7599' BROKE FROM 12 TO 2 MIN/FT: 4 TO 3 GAS UNITS  
C1 29, C2 13, C3 10, C4 4; F TO MG FROSTED SD, LT  
BRUN STAIN. WHITE VILL FLOUR, FAIR STR OUT. ANG TO  
SUB-ROUNDED W/ SOME FINE FLOATING COARSE GRAINS  
7600 - 7614' BROKE FROM 18 TO 2 MIN/FT. 3 TO 32 GAS UNITS  
C1 24, C2 10, C3 10, C4 4; F TO MG FROSTED SD, LT

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MWT 9.2, VIS 35, WL 9.5, FC 2, PH 10, CL 300, SOLIDS 6.5%, SD .25%  
SURVEY: 1-1/2 DEG @ 5337'.

02/21/85 CUM.COST \$192,948 DAILY COST \$6,622  
DRLG

LOST CIRC @ 5652'. LOST 75 BBLs MUD. CURED PROBLEM.  
SHOWS: 5607' - 5626' BROKE FROM 6 TO 1 MIN/FT. 6-40 UNITS ALL C1, TR C2  
5513' - 5603' BROKE FROM 5 TO 1 MIN/FT. 3-32 UNITS C1, TR C2  
5750' - 5765' BROKE FROM 4 TO 1 MIN/FT. 2-24 UNITS. ALL C1  
MWT 9.4, VIS 35, WL 10, FC 2, PH 9.5, CL 300, SOLIDS 8%, SD .25%.

02/22/85 CUM.COST \$202,076 DAILY COST \$10,128

LOST 200 BBLs @ 6103'.  
DRLG BREAKS 5997' - 6020' BROKE FROM 8 TO 1-1/2 MIN/FT. GB 2 TO 14 UNIT  
ALL C1  
6140' - 6147' BROKE FROM 8 TO 2 MIN/FT. GB FROM 2-33 UNITS;  
C1 62, C2 10, C3 7, C4 3.  
MWT 9.2, VIS 37, WL 9, FC 2, PH 10.5, CL 300, SOLIDS 7.5%, SD .25%

02/25/85 CUM.COST \$218,131  
DRLG

2/23/85 PD 6385'. MADE 220' IN 23 HRS. DRLG  
MWT 9.2, VIS 34, WL 9.0, PH 9, CL 300, BG 2-4.  
SHOWS: 6263' - 6266' BROKE FROM 6 TO 2 MIN/FT. 4 TO 18 UNITS. ALL C1  
6272' - 6275' BROKE FROM 7 TO 3 MIN/FT. 6 TO 20 UNITS; ALL C1  
POOR SAMPLES. RED CAVINGS.

DAILY COST: \$9,372.00  
CUMUL COST: \$208,113.00

\*

2/24/85 PD 6482'. MADE 97' IN 14-1/4 HRS. TFB  
MWT 9.2, VIS 34, WL 9.0, PH 9.5, CL 300, BG 2-6. NO SHOWS.  
SURVEY: 1 DEG @ 6482'.

DAILY COST: \$3,617.00  
CUMUL COST: \$211,730.00

\*

2/25/85 PD 6730'. MADE 248' IN 22 HRS. LRLG.  
MWT 9.7, VIS 36, WL 9.0, PH 9, CL 300, BG 2-8, CG 2-10  
SAMPLED POOR/ UNITS SLOWLY. TIGHT HOLE ON CONNECTIONS; LAG INCREASED BY  
50%.

DAILY COST: \$6,491.00  
CUMUL COST: \$218,131.00

02/26/85 CUM.COST \$222,984 DAILY COST \$4,850  
DRLG 0212 FT IN 23 HR

LOST CIRC @ 6720'. APPROX 200 BBLs.  
SAMPLES DK GRY SPLINTERY SH.  
MWT 9.4, VIS 34, WL 9.2, FC 2, PH 9.0, SOLIDS 2%, SD .25%, BG 2-6

02/27/85 CUM.COST \$227,797 DAILY COST \$7,816

DRLG 0231 FT IN 35 HR 45 MIN  
SHOWS: 7007 - 7010' BROKE FROM 6 TO 2 MIN/FT. GAS FROM 6 TO 32 UNITS

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SURVEY: 3/4 DEG @ 4075'

02/15/85 CUM.COST \$140,946

DRLG 0327 FT IN 23 HR 45 MIN

2/15/85 DRLG BREAK: 4284-4289' BROKE FROM 7 TO 2 MIN/FT.

MWT 9.4 VIS 42, WL 10, CL 300, PH 10.5 BG 3; 8% SOLIDS 3/4 SD  
DRLG IN GREEN RIVER FORMATION.

02/19/85 CUM.COST \$170,989 DAILY COST \$5,637

2/19/85 PD 4655'. MADE 225' IN 17-3/4 HRS IN GREEN RIVER FM. TRIPPING  
FOR CRACKED COLLAR. BLM INSPECTED JB RHODEN RIG @ 10:00 AM ON 2/19/85.  
ALL ITEMS HAD BEEN CORRECTED SATISFACTORILY. NO FINES ASSESSED.

SHOWS: 4531' - 4541' BROKE FROM 6 TO 1-1/2 MIN/FT. 7 TO 20 UNITS, ALL C1

4550' - 4560' BROKE FROM 5 TO 2 MIN/FT. 4 TO 16 UNITS, ALL C1

4576' - 4580' BROKE FROM 6 TO 2 MIN/FT. 6 TO 53 UNITS, ALL C1

MWT 9.2, VIS 34, WL 10, FC 2, PH 9.5; SOLIDS 8%, SD .25%

DLY COST: \$14,406.00

CUM COST: \$155,352.00

\*

2/17/85 PD 4825'. MADE 170' IN 12 HRS.

DRLG. SHOWS: 4728' - 4732' BROKE FROM 6 TO 2 MIN/FT. 3 TO 13 UNITS, AL  
ALL C1; SS W/ DULL GOLD FLOUR & FAIR  
STREAMING OUT.

MWT 9.1, VIS 34, WL 9.8, FC 2, PH 9, SOLIDS 5.5%, SD .25%.

DLY COST: \$4,271.90

CUM COST: \$145,352.00

\*

2/18/85 PD 5070'. MADE 245' IN 23 HRS. DRLG.

SHOWS: 4902' - 4908' BROKE FROM 4 TO 2 MIN/FT. 4 TO 22 UNITS; C1 23,  
C2 5, C3 4, C4 2; FG LT BRWN. OIL STAIN, SS W/  
FAIR STREAMING OUT.

MWT 9.2, VIS 36, WL 9.4, FC 2, PH 9, SOLIDS 7%, SD .25%

DLY COST: \$5,729.00

CUM COST: \$145,352.00

\*

2/19/85 PD 5314'. MADE 244' IN 23-1/4 HRS IN GREEN RIVER FM.

DLG BREAK: 5210' - 5214' BROKE FROM 7 TO 2 MIN/FT. 6-17 UNITS METHANE

5296' - 5308' BROKE FROM 7 TO 2 MIN/FT. 4-69 UNITS, C1 66,

C2 2, C3 1, C4 1/2.

VFG SD W/ SPOTTY TO BLK OIL STAIN. DULL YELLO FLOUR. F TO G  
STRONG OUT.

MWT 9.2, VIS 35, WL 10.2, PH 10, SOLIDS 6.5%, SD .25%.

02/20/85 CUM.COST \$178,661 DAILY COST \$7,672

TRIP 4 HOLE IN PIPE 0245 FT IN 16 HR 30 MIN

DRLG IN GREEN RIVER FM.

SHOWS: 5352' - 5364' BROKE FROM 11 TO 1-1/2 MIN/FT; GAS FROM 4 TO 25  
UNITS. MOSTLY C1, TRACES OF C2 & C3.

5397' - 5432' BROKE FROM 5 TO 1 MIN/FT. GAS FROM 4 TO 20 UNITS.  
MOSTLY C1, TRACES OF C2 & C3.

VF TO FG SD, DULL GOLD FLOUR, WEAR OUT

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\*  
2/10/85 PD 3858'. MADE 391' IN 22-1/4 HRS.  
MWT 9.2, VIS 33, WL 9.5, PH 9.5 CL 200; BG 2-3  
SHOWS: 3494 - 3499' BROKE FROM 4 TO 1-1/2 MIN/FT  
4 UNITS TO 19 UNITS; ALL C1  
3611 - 3616' BROKE FROM 4 TO 1-1/2 MIN/FT  
2 UNITS TO 9 UNITS; ALL C1  
3641 - 3644' BROKE FROM 3 TO 1-1/2 MIN/FT  
2 UNITS TO 6 UNITS; ALL C1  
3800 - 3803' BROKE FROM 3 TO 1 MIN/FT  
2 UNITS TO 74 UNITS; ALL C1

DULL GLD FLUOR W/ V WK CUT.  
SURVEY: 11 DEG @ 3491'.

\*  
2/11/85 PD 4116' MADE 258' IN 17-3/4 HRS.  
TRIP FOR DST #1. MWT 9.2, VIS 35, WL 10.8, FILTER CAKE 2, PH 9.0,  
CL 300, BG 2-6 UNITS.  
SHOW: 4079 - 4091' BROKE FROM 4 TO 1-1/2 MIN/FT; FROM 2 TO 148 UNITS  
C1 200, C2 40, C3 14, C4 9  
OIL ON PIT & POSSUM BELLY. FG SS, GOOD POR, SAT W/ OIL, DULL GLD FLUOR,  
V GOOD STREAMING CUT; OIL ON PIT IS LIQUID (IE, NOT HEAVY).  
SURVEY: 1-1/4 DEG @ 3878'.  
\*\*\*NO WEEKEND COSTS GIVEN\*\*\*

02/12/85 OTH.COST \$140,946 DAILY COST \$7,538  
TIR W/ BIT #5

2/12/85 TOOK AND RAN DST #1: 4075 - 4117' CORRECTED TO 4033 - 4075'  
IH 1994  
PH 1994  
IF 249-305

ISI 1936 PRESSURES ARE SUSPECT DUE TO LEAKING PKR. NO TEST DUE TO  
LEAKING AROUND PKR. PICKUP LF OIL CUT MUD & 23 STANDS OUT - 2000' OF OIL  
OUT DRILLING MUD. SUSPECTED DRILL COLLARS - FOUND 3 BAD - REPLACED.  
BEGIN TIR W/ BIT #5.  
MWT 9.2, VIS 35, WL 9.6, PH 9.0, CL 300.

02/13/85 OTH.COST \$140,946  
TIR W/ DST #2

2/13/85 GREEN RIVER FM.  
TIR W/ DST #2: 4040' - 4075' NO TEST DUE TO LEAKAGE AROUND PKR. TCH  
W/ TOOLS. WILL RESUM DRLG @ 6PM.  
\*\*\*NO COSTS GIVEN.

\*  
PLM GAVE SAFETY INSPECTION TO JS RHODEN RIG #1: 18 VIOLATIONS, 10  
CORRECTED BY MIDNITE. 8 CITATIONS ISSUED W/ 48 HRS TO CORRECT. NO IMMED  
FINES.

02/14/85 OTH.COST \$140,946  
DST #2 PIPE RECOVER 3054 FT IN 40 HR  
2/14/85 DST #2 PIPE RECOVERY = 1000' OIL CUT MUD.  
MWT 9.2 VIS 38, WL 9.2, PH 9, BG 2-4, CL 300

POOR COPY



PMP117

AMERICAN PETROFINA  
DAILY DRILLING REPORT

PAGE 2

PERIOD ENDING 8:00 A.M.  
05/28/85

## ===&gt; DEVELOPMENT WELLS &lt;===

2/3/85 PD 425'. MADE 0'.

NU BOP'S. CIRC THRU 8-5/8" CSG & WD WESTERN TO REPLACE CMT TRUCK. SET  
SURF CSG: 25 BBLs WTR FLUSH, 400 SX CLASS H W/ 3% CaCl<sub>2</sub>, 1/4#/SX CELLO-  
PHANE. 23 BBLs WTR DISPLACEMENT. GOOD CIRC THRU OUT. CMT TO SURF.  
CIRC & APPROX 170 SX TO RESERVE PIT. PLUG DOWN @ 2:00 PM ON 2/2. WOOD.  
CMT OFF 8-5/8" CSG. NU ERC. 8-5/8" X 11" 3-M CSG HEAD. NU BOP STACK &  
TOOLS. SENT KELLEY TO MACHINE SHOP; REPLACED ELEVATORS; CHANGE OUT  
TRAVELING BLOCK HOOK.

DAILY CST: \$8,135.00

CUM CST: \$44,115.00

\*

2/4/85 PD 425'. MADE 0'.

CHANGING OUT DC. FINISH NU BOP'S. CHANGE OUT HYDRILL RUBBER. PRESSURE  
TEST BOP RIMS TO 2000 PSI.

DLY CST: \$525.00

CUM CST: \$36,340.00 ??

02/05/85 CUM.COST \$57,475 DAILY COST \$12,835

DRLG 7-7/8" HOLE 0640 FT IN 24 HR

2/5/85 CHANGE OUT DC. GIH W/ BIT #1. TEST PIPE RAMS TO 2000 PSI FOR 15  
MIN. TEST ANNULAR PREVENTORS TO 1500 PSI FOR 15 MIN. NO LEAKS. POOH  
FOR PLUG BIT. GIH. DRILL CMT & SHOE. RESUME DRLG NEW HOLE @ 5:15 PM  
ON 2/4/85. TFR @ 1,109'.

02/06/85 CUM.COST \$79,695 DAILY COST \$22,220

DRLG 1096 FT IN 24 HR 30 MIN

2/6/85 9:01 CL 200

CONT DRLG 7-7/8" HOLE.

SURVEYS: 1-3/4 DEG @ 927'

1-1/4 DEG @ 1383'

1-1/4 DEG @ 1882'

02/07/85 CUM.COST \$94,320 DAILY COST \$14,625

DRLG 7-7/8" HOLE 0458 FT IN 23 HR 15 MIN

2/7/85 8:19, VIF 32

SURVEYS: 1-1/4 DEG @ 1882'

3/4 DEG @ 2367'

02/08/85 CUM.COST \$105,315 DAILY COST \$10,995

DRL SD &amp; SH 0478 FT IN 23 HR

2/8/85 NO SHOWS. STARTED TO MUD UP AT 3000'. LAG TIME, 21 MIN AT 2888'.

MNT P.2. VIF 33. BG 1-2 UNITS.

SURVEY: 1/2 DEG @ 2880'

02/11/85 CUM.COST \$105,315

TOOK FOR DST #1

2/8/85 PD 2467'. MADE 235' IN 15-3/4 HAD.

MNT. P.3. VIF 34. WL 10.2. FILTER CAKE 2. SH 9. SOLIDS 7%. CL 200. BG 1-  
2 UNITS. SAMPLES 9% SH. RED/GRN/GRY GRN. ILBAXY. SX SD LT TRY. FG.

ANGULAR V CLAY-FILLED. NO SHOWS.

SURVEY: 1 DEG @ 3347'.

POOR COPY

RECEIVED

JUN 24 1985

DO NOT REMOVE

RMP117

PERIOD ENDING 8:00 A.M.

05/23/85

AMERICAN PETROFINA  
DAILY DRILLING REPORT

PAGE 1

DIVISION OF OIL  
GAS & MINING

===> DEVELOPMENT WELLS <===

DISTRICT 00655 ROCKY MOUNTAIN

PLN 045281-0001-00

APCOG FEDERAL 28-1

-APCOG

UINTAH

UT

HAMACKER BOTTOMS

ESTM. DEPTH 97550 DOUGLAS CR MBR OF GRN RIVER FM

SPUD: 01/31/85

CURR. DEPTH 00040

LOCATION 857' FSL & 1820' FSL 28-28-21E

AFE

031971

APD

50.000000

APCOG

50.000000

PDI

01/31/85 CUM. COST \$9,800 DAILY COST \$1,100

MI RU JB RHODEN RIG

1/28/85 BLADED SNOW FROM LSE ROAD & LOCATION.

DLY & CUM COST: \$7,500.00

\*  
1/29/85 PD APPROX. 20'. DRLG 20" CONDUCTOR HOLE. MI RU DRY HOLE DIGGER  
DRILL APPROX 20' OF 20" HOLE. TRUCK WRECK-LOST PIPE. MI GALLEY CONST.  
ENLARGE & DEEPEN RESERVE PIT.

\*  
1/30/85 MI JB RHODEN RIG #1. MADE 20'. FINISH DRLG COND HOLE TO 40'.  
SET 20" CULVERT & CMT W/ RED MIX. DRILL RAT & MOUSE HOLE. FINISH EN-  
LARGING RESERVE PIT. STARTING TO MI ROTARY TOOLS. DLY COST: \$1,200.00  
CUM COST: \$8,700.00.

\*  
1/31/85 MI RU JB RHODEN RIG #1. SET SUB-STRUCT DRAW WORKS & MOTORS. TEND  
DERRICK. UNABLE TO RAISE DERRICK DUE TO BROKEN GIRTS. PLAN FINISH RU &  
BREAK TOWER TONITE. INSTALL PIT LINER & RESERVE PIT FENCE. PLM APPR CONT  
FOR STACK. NO DE GASER REQ. DAILY COST: \$1,100.00. CUM COST: \$9,800.00

02/01/85 CUM. COST \$12,500

DRLG 0063 FT IN

2/1/85 DRLG 12-1/4" HOLE. FINISH MI RU JB RHODEN RIG #1. SPUD @ 11:45  
PM ON 1/31. LD TWO 4-1/4" DC. LENGTH 60'. BIT DATA: 12-1/4" SMITH  
TYPE DTC RR. 4-1/4 HRS. WOB - ALL. RPM 120. NOZZELS 3-60.  
PUMP: EMSDD D500. 5-1/2" X 15". 60 SPM. 500 PSI. DRLG 4-1/4 HRS. RU  
3-3/4 HRS. 7-90 LINES. 3 HRS.  
CUM COST: APPROX 12,500.00

02/04/85 CUM. COST \$36,340 DAILY COST \$525

CHANGING OUT DC

2/2/85 RD 425'. MADE 322' IN 24 HRS.

DTCG SURF CSG. CONT DRLG 12-1/4" SURF HOLE TO 425'. CIRC. POOR. RU &  
RUN SURF CSG: GUIDE SHOE 1.00, 1 JOINT 8-5/8" J-55 CSG 42.97. INSERT  
FLOAT 0.00, 9 JOINTS 8-5/8" J-55 CSG 378.22. TOTAL 421.25  
CSG LANDED @ 419'. OUR KB. MI RU WESTERN. CMT TRUCK FROZE SOLID WHEN  
WTR VALVES OPEN. RD WESTERN. NO REPLACEMENT CKTR. RPTD DRLG OPERATIONS  
AND SETTING SURF PIPE.

SURVEYS: 1 DEG @ 103'; 1-1/4 DEG @ 182'; 2 DEG @ 320; 2 DEG @ 425'.

DAILY COST: \$17,805.00

CUM COST: \$25,220.00

POOR COPY

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

IN TRIPLICATE  
 (Instructions on  
 reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a well. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Fina Oil And Chemical Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1625 Broadway, Suite 1600 Denver, Colorado 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME Federal
14. PERMIT NO.		9. WELL NO. 28-1
15. ELEVATIONS (Show whether DF, ST, GR, etc.) 4961 (GL)		10. FIELD AND POOL, OR WILDCAT Green River
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 28-6S-21E NW/SW
NOTICE OF INTENTION TO:		12. COUNTY OR PARISH Uintah
TEST WATER SHUT-OFF <input type="checkbox"/> FULL OR ALTER CASING <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> REPAIRING WELL <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> ABANDON* <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> (Other) <input type="checkbox"/>		13. STATE Utah
(Other) Operator Name Change <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Operator Name Changed from American Petrofina Company of Texas  
 Effective July 1, 1985

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Administrative Manager

DATE July 23, 1985

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MININGWELL COMPLETION OR RECOMPLETION REPORT AND LOG  
RECEIVED1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐  
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. LEVEL ☐ Other ☐  
OCT 28 1985

2. NAME OF OPERATOR

Fina Oil and Chemical Company

3. ADDRESS OF OPERATOR

1625 Broadway, Suite 1600, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1820' FSL &amp; 657' FWL

NWSW

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

API:43-047-31571

11/05/84

15. DATE SPUDDED 1/29/85 16. DATE T.D. REACHED 3/06/85 17. DATE COMPL. (Ready to prod.) 05/25/85 18. ELEVATIONS (DP, AER, RT, GR, ETC.)\* 4961' NGL 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD &amp; TVD 7800' 21. PLUG BACK T.D., MD &amp; TVD 7707' 22. IF MULTIPLE COMPL. HOW MANY? -- 23. INTERVALS DRILLED BY -- ROTARY TOOLS 0-TD CABLE TOOLS N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Wasatch 7584'-7617'

Green River 7064'-7370'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIPLO/MI/BHC-AC/FDC-CND/CBL

Prolog FHR

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	418'	12 1/4	Circ to surface	--
5 1/2	17	7798'	7 7/8	1st stage: 725 sx RFC 10-0 2nd stage: 300 sx Hi-Lift 825 sc RFC 10-0	--

29. LINER RECORD N/A

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	7025.60'	--

31. PERFORATION RECORD (Interval, size and number)

Wasatch: 7584'-7591'; 7602'-7617', 88 holes 1/2"

Green River: 7338'-7352', 7361'-7370', 7291'-7298'; 7302'-7310', 76 holes; 1/2"

Green River: 7064, 76, 78, 82, 84, 7118, 20, 24, 26, 34, 36, 38, 7170, 74, 81, 83, 89, 91, 7200, 02, 20 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7584'-7617'	48500 gal XF4PSDFL, 166000 #20/40
7291'-7370'	66300 gal YF4PSDFL, 106500 #20/40
7064'-7202'	72500 gal YF4PSDFL, 204000 #20/40

33. PRODUCTION

DATE FIRST PRODUCTION*		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
05/25/85		Flowing				Prod	
DATE OF TEST	BORES TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
05/25/85	24	15/64	→	233	--	150	--
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
750 PSI	1750 PSI	→	233	--	150	32.1	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented, to be sold

TEST WITNESSED BY

Curtis Clark

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Michel Giannini

TITLE Petroleum Engineer

DATE 10/09/85

# INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 83, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (diagrams, geologic logs, sample and core analysis, all types electric, etc.), formation and pressure logs, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be filed on this form, see Item 16.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Items 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22, and in Item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in Item 83. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement". Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for Items 22 and 24 above.)

## 27. SUMMARY OF POROUS ZONES:

SHOW ALL IMPARTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	28. GEOLOGIC MARKERS	TOP	MEAS. DEPTH	TRUST TEST. DEPTH
Uinta "B"	3451'	3874'	Alternating red/green/white SH & SS	Uinta "B"			3451'	--
Green River	3874'	--	--	Douglas Creek			6890'	--
Evacuacion Creek	3874'	4426'	White SS w/viscous oil shows & gray sh					
Parachute Creek	4426'	6150'	White siltstone & blk shales					
Garden Gulch	6150'	6890'	White siltstone & calcareous gray shales					
Douglas Creek	6890'	7400'	White ss w/oil & gas & gray shale					
Wasatch	7400'	7802'	Red/purple siltstone & green/gray shales					

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN TRIPLICATE  
 (Other instructions on reverse side)

101619 *p*

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
 Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> U-34711	
<b>2. NAME OF OPERATOR</b> Fina Oil and Chemical Company		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> N/A	
<b>3. ADDRESS OF OPERATOR</b> 1601 Northwest Expressway, Suite 900, Oklahoma City, OK 73118		<b>7. UNIT AGREEMENT NAME</b> N/A	
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*          See also space 17 below.)</b> At surface  1820' FSL and 667' FWL NW/4 SW/4		<b>8. FARM OR LEASE NAME</b> APCOT Federal	
<b>14. PERMIT NO.</b> API: 43-047-31571		<b>15. ELEVATIONS (Show whether OF, RT, OR, etc.)</b> 4975' KB	
<b>16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data</b>		<b>9. WELL NO.</b> 28-1	
<b>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*</b>		<b>10. FIELD AND POOL, OR WILDCAT</b> Horseshoe Bend Field	
<b>18. I hereby certify that the foregoing is true and correct</b>		<b>11. SEC., T., R., M., OR BLK. AND SUBST. OR AREA</b> Section 28-T6S-R21E	
<b>SIGNED</b> <i>Gregory Stephen Aggon</i>		<b>12. COUNTY OR PARISH</b> Uintah	
<b>TITLE</b> Engineer		<b>13. STATE</b> Utah	
<b>DATE</b> October 9, 1986			

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) Report on Operations ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐☒

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

**RECEIVED**  
 OCT 14 1986

**DIVISION OF  
 OIL, GAS & MINING**

**18. I hereby certify that the foregoing is true and correct**

SIGNED

*Gregory Stephen Aggon*

TITLE

Engineer

DATE October 9, 1986

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# TXO

**TXO PRODUCTION CORP.**

1800 LINCOLN CENTER BUILDING  
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

January 13, 1990

**RECEIVED**  
JAN 19 1990

INVOICE  
CASH ON HAND

U.S. Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

Re: Fina Federal #28-1  
Section 28-T6S-R21E  
Federal Lease No. U-34711

Fina Federal #29-2 & #29-3  
Section 29-T6S-R21E  
Federal Lease No. U-46699

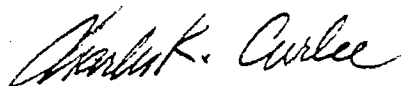
Gentlemen:

Enclosed are Sundry Notices regarding a Change of Operator for the referenced wells.

If you have any questions or need additional information, please call me at this office.

Very truly yours,

TXO PRODUCTION CORP.



Charles K. Curlee  
Environmental Manager

CKC/gbp

Attachments

cc: Utah Division of Oil, Gas & Mining



## FINA OIL AND CHEMICAL COMPANY

1601 N W EXPWY • SUITE 900 • OKLAHOMA CITY, OK 73118 • (405) 840-0671

January 25, 1990

RECEIVED  
JAN 29 1990

Ms. Tami Searing  
State of Utah  
355 West North Temple  
Three Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

DIVISION OF  
OIL, GAS & MINING

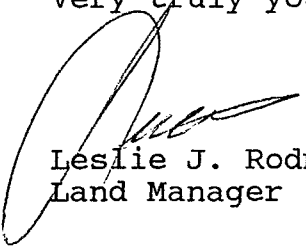
Re: Uintah County, Utah  
Federal 28-1 well 43-047-31571 Sec. 28 T. 6S R. 21E  
Federal 29-2 well 43-047-31508 Sec. 29 T. 6S R. 21E  
Federal 29-3 well 43-047-31634 Sec. 29 T. 6S R. 21E  
State 32-1 well 43-047-31557 Sec. 32 T. 6S R. 21E  
State 32-2 well 43-047-31626 Sec. 32 T. 6S R. 21E  
State 32-4 well 43-047-31648 Sec. 32 T. 6S R. 21E

Dear Ms. Searing:

This letter is written for the purpose of advising you that effective September 1, 1989, Fina Oil and Chemical Company and Petrofina Delaware, Incorporated sold the following wells located in Uintah County, Utah to TXO Production Corp.

Should you require additional information, please so advise.

Very truly yours,

  
Leslie J. Rodman  
Land Manager

LJR/svw



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN PRELIMINARY  
(Other Instructions on  
reverse side)

5. LEASE DESIGNATION AND SERIAL

U-34711

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME ---
2. NAME OF OPERATOR TXO Production Corp. Attn: C.K. Curlee		8. FARM OR LEASE NAME Stirrup Federal
3. ADDRESS OF OPERATOR 1800 Lincoln Center Bldg. Denver, CO 80264		9. WELL NO. 28-1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW/SW Section 28-T7S-R21E		10. FIELD AND POOL OR WILDCAT Horseshoe Bend
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28-T7S-R21E T4S		12. COUNTY OR PARISH Uintah
13. STATE Utah		
14. PERMIT NO. API # 43-047-31571	15. ELEVATIONS (Show whether OF, RT, CR, etc.) 4961' NGL	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input checked="" type="checkbox"/>
(Other) <u>Change in Operator</u>	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This is to notify you that TXO Production Corp. has taken over operations of this well. TXO certifies that it is operator of this well and that bond coverage is provided by TXO's Nationwide Bond No. 5570134.

This well, formerly called the Fina Federal #28-1, will be referred to in future TXO communications as the Stirrup Federal #28-1.

CLAS 643
JAN 15 1990
FILE
1-TAS
MICROFILM
FILE

18. I hereby certify that the foregoing is true and correct

SIGNED Charles K. Curlee TITLE Environmental Manager DATE January 15, 1990  
Charles K. Curlee  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

Page 4 of 5

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• TXO PRODUCTION CORP.  
P. O. BOX 2690  
CODY WY 82414  
ATTN: R. P. MEABON

Utah Account No. N1580

Report Period (Month/Year) 12 / 90

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
BMG FEDERAL #4	U-05015-A	4301931130 06792 16S 26E 17	DKTA✓				
BMG FEDERAL #5	U-05015	4301931131 06793 16S 26E 7	BUKHN✓				
BMG FEDERAL #7	U-05015-A	4301931183 06794 16S 26E 17	DKTA✓				
OIL SPRINGS UNIT 7	U-16956	4304731248 06795 12S 24E 4	WSTO✓		Need successor to unit operator (TXO to Marathon)		
TOC TXO POGO USA	15-9 U-49535	4301930779 09155 17S 24E 15	DKTA✓				
EVACUATION CREEK STATE	23-2-1 ML-15566	4304715675 09605 12S 25E 2	DKTA✓				
CROQUET FEDERAL #1	U-38404	4304731440 09635 06S 21E 35	UNTA✓				
CROQUET FEDERAL #2	U-53862	4304731672 09636 06S 21E 35	UNTA✓				
WELLS FEDERAL "A" #1	U-54198	4304731603 09841 11S 23E 12	MVRD✓				
SHUFFLEBOARD FEDERAL #1	U-31255	4304731668 09842 06S 21E 27	UNTA✓				
STIRRUP FEDERAL 28-1	U-34711	4304731571 10182 06S 21E 28	GR-WS✓				
STIRRUP STATE #32-4	ML-22036	4304731648 10183 06S 21E 32	UNTA✓				
CRACKER FEDERAL #3	U-54193	4304731689 10581 11S 23E 5	WSTCL✓				
TOTAL							

Comments (attach separate sheet if necessary) \* Evacuation Creek - Terminated eff. 1-24-91.

I have reviewed this report and certify the information to be accurate and complete.

Date \_\_\_\_\_

Authorized signature \_\_\_\_\_

Telephone \_\_\_\_\_

DOGm- FYI - From Connie LARSEN- TAX COMMISSION

Tax Compliance Division



**Marathon  
Oil Company**

Findlay, Ohio 45840  
Telephone 419/422-2121

January 23, 1991

N1580

TO WHOM IT MAY CONCERN:

Effective immediately after the close of business on December 31, 1990, TXO Production Corporation, taxpayer I.D. 75-1710388, a Delaware Corporation, was merged into Marathon Oil Company, taxpayer I.D. 25-1410539.

Following the merger, all business activity previously conducted by TXO Production Corporation will be conducted by and under the name of Marathon Oil Company.

Marathon Oil Company  
Tax Organization

GRL:pah  
GRL100T

REC'D USIC P.B.  
FEB 14 1991

Send a copy to DOGM 2-21-9

A subsidiary of USX Corporation

Copy sent to Master  
File Mail

RECEIVED  
JAN 24 1991



**Marathon  
Oil Company**

P.O. Box 2690  
Cody, Wyoming 82414  
Telephone 307/587-4961

DIVISION OF  
OIL, GAS & MINING

*DRN*  
*-a R Furth*

January 22, 1991

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

UTAH DIVISION OF OIL, GAS & MINING  
3 Triad Center, Ste. 350  
Salt Lake City, UT 84180-1203  
Attention: State Director

Re: The Merger of TXO Production Corp. into  
Marathon Oil Company

Gentlemen:

As Marathon Oil Company advised in its October 8, 1990 letter, TXO Production Corp., a Delaware corporation ("TXO") was being merged into Marathon Oil Company, an Ohio corporation ("Marathon"), on or before January 1, 1991. As stated in the October letter, before this merger, both TXO and Marathon were subsidiaries of USX Corporation.

Effective January 1, 1991, TXO was merged into Marathon, with Marathon becoming the surviving corporation, as evidenced by the enclosed Certificate of Merger signed by the Secretary of State for the State of Ohio. Due to this statutory merger, by operation of law, Marathon, as the surviving entity, has succeeded to all of the assets, property, rights, privileges, power and authority, and has assumed all obligations and liabilities of TXO which existed on the date of the merger.

Marathon requests that your records and filings be changed to reflect this merger, including making any appropriate change in your operator or ownership records. For the purposes of any change, mailing or notification, please substitute the following address and phone number for TXO:

Marathon Oil Company  
Attention: Mr. R. P. Meabon  
1501 Stampede Avenue  
P. O. Box 2690  
Cody, WY 82414  
(307) 587-4961

Utah Division of Oil, Gas & Mining  
January 22, 1991  
Page 2

Any bond in the name of TXO should be cancelled and all wells and properties shown on the attached Exhibit "A" should be placed on Marathon's statewide bond for the state of Utah.

Marathon respectfully requests that you acknowledge your receipt of this letter by signing the enclosed duplicate original of this letter in the space provided below, and returning it to me in the self-addressed, stamped envelope provided. Also, please provide Marathon with confirmation of the bond cancellations in accordance with the substitution requested above.

Marathon appreciates your patience and cooperation in this matter, and if Marathon can be of any further assistance, please feel free to contact this office.

Sincerely,

*R P Meabon*

R. P. Meabon  
Regulatory Coordinator  
Rocky Mountain Region  
Extension 3003

RPM:mh

Attachments

RECEIVED AND ACCEPTED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_,  
1991, BY:

\_\_\_\_\_  
[Governmental Agency or Department]

By \_\_\_\_\_  
Name \_\_\_\_\_  
Its \_\_\_\_\_  
Title \_\_\_\_\_

UNITED STATES OF AMERICA,  
STATE OF OHIO,  
OFFICE OF THE SECRETARY OF STATE. }

I, Sherrod Brown

do hereby certify that I am the duly elected, qualified and present acting Secretary of State for the State of Ohio, and as such have custody of the records of Ohio and Foreign corporations; that said records show an AGREEMENT OF MERGER of MARATHON PETROLEUM COMPANY, an Ohio corporation, Charter No. 7265, having its principal location in Findlay, County of Hancock, and incorporated on August 1, 1887, and TXO PRODUCTION CORP., a Delaware corporation, having qualified to do business within the State of Ohio on November 2, 1983, under License No. 623328, into MARATHON OIL COMPANY, an Ohio corporation, Charter No. 584981, the survivor of said Merger, filed in this office on December 24, 1990, recorded in the Records of Incorporation. Said surviving corporation, MARATHON OIL COMPANY, an Ohio corporation, Charter No. 584981, having its principal location in Findlay, County of Hancock, was incorporated on November 18, 1981 and is currently in GOOD STANDING upon the records of this office.

WITNESS my hand and official seal at

Columbus, Ohio, this

28th day of December, A.D. 1990

  
*Sherrod Brown*

Sherrod Brown  
Secretary of State

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1- LCR	<i>lu</i>
2- DTB	<i>ts</i>
3- VLC	<i>✓</i>
4- RJF	<i>✓</i>
5- RWM	<i>lu</i>
6- LOR	<i>lu</i>

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-91)

TO (new operator) <u>MARATHON OIL COMPANY</u>	FROM (former operator) <u>TXO PRODUCTION CORP.</u>
(address) <u>P. O. BOX 2690</u>	(address) <u>P. O. BOX 2690</u>
<u>CODY, WY 82414</u>	<u>CODY, WY 82414</u>
phone <u>(307) 587-4961</u>	phone <u>(307) 587-4961</u>
account no. <u>N 3490</u>	account no. <u>N1580</u>

Well(s) (attach additional page if needed):

\*\*\*MERGER\*\*\*

Name: <u>**SEE ATTACHED**</u>	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- N/A* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(see documentation)*
- Dep* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec. 1-24-91)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_.
- Dep* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Dep* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-26-91)*
- Dep* 6. Cardex file has been updated for each well listed above.
- Dep* 7. Well file labels have been updated for each well listed above.
- Dep* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- Dep* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

# ITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 5, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## ND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *(Federal & State wells only)*
2. A copy of this form has been placed in the new and former operators' bond files. *(upon completion of routing)*
3. The former operator has requested a release of liability from their bond (yes/no) yes. Today's date February 27, 1991. If yes, division response was made by letter dated March 1, 1991.

## ASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases. *Sent 3-5-91*

## MING

1. All attachments to this form have been microfilmed. Date: March 11 1991.

## ING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## MENTS

- 910204 Bbm/moa6 No doc. as of yet. (In the process of changing) will call when approved.  
Bbm/S.L. Book Cliffs Unit, Oil Springs Unit, Marble Mansion Unit (Not approved as of yet)
- 910204 St. Lands - No documentation as of yet. (Copy hand delivered 2-8-91) for
- 910222 Bbm/S.L. - Approved 2-20-91 - OK for DOGM to recognize eff. date 1-1-91. (T. Thompson)
- 910226 St. Lands - Needs additional info. "will take 2-3 weeks". (Proceed with change per DTS)



LONE MOUNTAIN PRODUCTION COMPANY

P.O. BOX 3394  
408 PETROLEUM BUILDING  
BILLINGS, MONTANA 59103-3394  
(406) 245-5077  
FAX 248-6321

February 22, 1993

State of Utah  
Dept. of Natural Resources  
Division of Oil, Gas, & Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180

Re: Change of Operator  
Sundry Notices  
Grand and Uintah Counties, Utah

Gentlemen:

Enclosed in triplicate are Sundry Notices for 53 wells located on Federal lands in Utah for which Lone Mountain Production Company is assuming operations effective February 22, 1993. Two separate lists of the wells and lease numbers, by sorted by BLM district, are attached. The wells were all previously operated by Marathon Oil Company. If any further information is needed please advise either me or Joe Dyk in our Grand Junction office.

Very truly yours,

Lone Mountain Production Company

*James G. Routson*

James G. Routson  
President

Enclosures

xc: Joe Dyk  
Marathon

RECEIVED

FEB 25 1993

DIVISION OF  
OIL GAS & MINING

# UTAH FEDERAL WELLS

VERNAL BLM DISTRICT

RECEIVED

FEB 25 1993

DIVISION OF  
OIL GAS & MINING

<u>WELL</u>	<u>LEASE NO.</u>	<u>LOCATION</u>
Shuffleboard Fed. No. 1	U-31255	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 27-T6S-R21E
Stirrup Fed. No. 28-1	U-34711	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-T6S-R21E
Stirrup Fed. No. 29-2	U-46699	NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-T6S-R21E
Stirrup Fed. No. 29-3	U-46699	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-T6S-R21E
Football Fed. No. 29-4	U-46699	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-T6S-R21E
Croquet Fed. No. 1	U-53862	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-T6S-R21E
Croquet Fed. No. 2	U-53862	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 35-T6S-R21E
Croquet Fed. No. 3	U-53862	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-T6S-R21E
Bridle Fed. No. 1	U-47866	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-T6S-R22E
Bridle Fed. No. 2	U-47866	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-T6S-R22E
Bridle Fed. No. 3	U-47866	SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-T6S-R22E
Bridle Fed. No. 4	U-47866	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-T6S-R22E
Cracker Fed. No. 1	U-54197	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-T11S-R23E
Cracker Fed. No. 2	U-54197	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-T11S-R23E
Cracker Fed. No. 3	U-54193	SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-T11S-R23E
Cracker Fed. No. 4	U-54196	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-T11S-R23E
Marble Mansion Unit #1	U-54201	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-T11S-R23E
Wells Fed. A No. 1	U-54198	SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 12-T11S-R23E
Oil Springs Unit #5	U-08424-A	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5-T12S-R24E
Oil Springs Unit #7	U-08424-A	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-T12S-R24E
Oil Springs Unit #10	U-08424-A	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-T12S-R24E

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. See Below
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Marathon Oil Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 2690, Cody, Wyoming 82414		8. FARM OR LEASE NAME See Below
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone See Below		9. WELL NO. See Below
10. FIELD AND POOL, OR WILDCAT - See Below		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA See Below
14. API NO. See Below	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY Grand and Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) _____		DATE OF COMPLETION _____	
APPROX. DATE WORK WILL START _____			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

On 2/22/93 with an effective date of October 1, 1992, Marathon Oil Company sold all of its rights, title and interests shown on Exhibit 'A' and 'B' to:

Lone Mountain Production Company  
 P.O. Box 3394, 408 Production Building  
 Billings, Montana 59103-3394

By copy of this sundry notice to Lone Mountain Production Company, Marathon is advising that Lone Mountain Production Company is responsible for operating these leases and wells within the federal and state rules and regulations.

Utah O&G--cc: WRF,RDS,CLB,RPM,KJI,TITLE AND CONTR(HOU),ACCTG.,CFR,LONE MTN. PROD.

18. I hereby certify that the foregoing is true and correct

SIGNED R.P. Meabon TITLE Regulatory Coordinator DATE 2/23/93

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

See Instructions On Reverse Side

List of Properties sold by Marathon Oil Company to Lone Mountain Production Company, P.O. Box 3394, 408 Petroleum Building, Billings, Montana 59103-3394

WELL	LOCATION	LEASE	API #
<b>North Horse Point Field</b>			
Little Berry State #1	SW/4 SW/4, Sec. 2-16S-23E	ML-21061	043-019-31075
<b>BAR X West Field</b>			
Hancock Federal #2	NW/4 SW/4, Sec. 5-17S-25E	U-38720	043-019-30833
<b>Bryson Canyon Field</b>			
Hougen Federal A#1- St #1	SW/4 SW/4 Sec. 14-17S-24E	U-42480	043-019-30799
TXO Pogo USA #19-9	NE/4 SE/4, Sec. 15-17S-24E	U-49535	043-019-30779
<b>East Canyon Field</b>			
Callister Federal #1	NW/4 SE/4 Sec. 24-16S-24E	U-38363	043-019-30857
Ptasynski Federal #1	NE/4 NW/4 Sec. 15-17S-23E	U-24603-A	043-019-30780
<b>Horseshoe Bend Field</b>			
Bridle Federal #1	SW/4 SW/4 Sec. 34-6S-22E	U-47866	043-047-31533
Bridle Federal #2	NE/4 SE/4 Sec. 34-6S-22E	U-47866	043-047-31655
Bridle Federal #3	SE/4 NE/4 Sec. 34-6S-22E	U-47866	043-047-31678
Bridle Federal #4	SE/4 NE/4 Sec. 34-6S-22E	U-47866	043-047-31866
Croquet Federal #1	SE/4 NE/4 Sec. 35-6S-21E	U-53862	043-047-31440
Croquet Federal #2	NE/4 SE/4 Sec. 35-6S-21E	U-53862	043-047-31672
Croquet Federal #3	NE/4 NW/4 Sec. 35-6S-21E	U-53862	043-047-31867
Football Fed #29-4	SE/4 SW/4 Sec. 29-6S-21E	U-46699	043-047-31883
Shuffleboard Fed #1	NE/4 NE/4 Sec. 27-6S-21E	U-31255	043-047-31668
Stirrup Fed. #28-1	NW/4 SW/4 Sec. 28-6S-21E	U-34711	043-047-31571
Stirrup Fed. #29-2	NW/4 SE/4 Sec. 29-6S-21E	U-46699	043-047-31508
Stirrup Fed. #29-3	SE/4 SE/4 Sec. 29-6S-21E	U-46699	043-047-31634
Stirrup State #32-1	NW/4 NE/4 Sec. 32-6S-21E	ML-22036	043-047-31557
Stirrup State #32-2	SE/4 NE/4 Sec. 32-6S-21E	ML-22036	043-047-31626
Stirrup State #32-4	NW/4 NE/4 Sec. 32-6S-21E	ML-22036	043-047-31648
<b>Rockhouse Field</b>			
Cracker Fed. #1	SE/4 NE/4 Sec. 8-11S-23E	U-54197	043-047-31532
Cracker Fed. #2	SE/4 SE/4 Sec. 8-11S-23E	U-54197	043-047-31690
Cracker Fed. #3	SW/4 SE/4 Sec. 5-11S-23E	U-54193	043-047-31689
Cracker Fed. #4	SE/4 NE/4 Sec. 7-11S-23E	U-54196	043-047-31748
Marble Mansion #1	SE/4 SE/4 Sec. 18-11S-23E	U-54201	043-047-31865
Wells Fed. A #1	SW/4 SE/4 Sec. 12-11S-23E	U-54198	043-047-31603

# San Arroyo Field

Arco Fed. B #1	SE/4 SE/4 Sec. 6-16S-25E	U-9831	043-019-30552
Arco Fed. C #1	NW/4 NW/4 Sec. 35-16S-25E	U-06188-B	043-019-30572
Arco Fed. D #1	NE/4 SE/4 Sec. 34-16S-25E	U-29645	043-019-30578
Arco Fed. H #1	NW/4 SW/4 Sec. 12-16S-25E	U-0126528	043-019-31002
Bennion Fed. #1	NE/4 NW/4 Sec. 30-16S-25E	U-24632	043-019-30893
BMG Fed. #1	NE/4 NW/4 Sec. 8-16S-26E	U-05015	043-019-31017
BMG Fed. #2	SW/4 SW/4 Sec. 8-16S-26E	U-05015	043-019-31108
BMG Fed. #3	SW/4 SW/4 Sec. 8-16S-26E	U-05015-A	043-019-31114
BMG Fed. #4	NW/4 NW/4 Sec. 17-16S-26E	U-05015-A	043-019-31130
BMG Fed. #5	NW/4 SW/4 Sec. 8-16S-26E	U-05015-A	043-019-31131
BMG Fed. #7	NW/4 SE/4 Sec. 17-16S-26E	U-05015-A	043-019-31183
Bookcliffs #1	SE/4 SE/4 Sec. 32-18S-22E	U-036905	043-019-15410
Bookcliffs #3	SW/4 NE/4 Sec. 33-18S-22E	U-036905	043-019-15411
Credo Fed. #1	NE/4 SE/4 Sec. 5-16S-26E	U-24638	043-019-30797
Credo Fed. A #1	SE/4 NW/4 Sec. 5-16S-26E	U-24638	043-019-30798
Grynberg Fed. #1	NE/4 SW/4 Sec. 28-16S-25E	U-13653	043-019-30657
Harvey Fed. #1-X	SW/4 SE/4 Sec. 5-16S-25E	U-10427	043-019-30574
Lauck Fed. A #1	SE/4 SE/4 Sec. 29-16S-25E	U-34033	043-019-30990
Lauck Fed. #2	NW/4 SW/4 Sec. 29-16S-25E	U-34033	043-019-31109
Moxa Fed. #1	SW/4 SW/4 Sec. 9-16S-26E	U-24638	043-019-30698
Moxa Fed. A #1	NE/4 SE/4 Sec. 4-16S-26E	U-24638	043-019-30792
Nicor Fed. #1	NW/4 NE/4 Sec. 28-16S-25E	U-31807	043-019-30656
Nicor Fed. #2	NW/4 NE/4 Sec. 33-16S-25E	U-13653	043-019-31020
Texas Pac St #1	NW/4 SE/4 Sec. 36-16S-25E	ML-4468-A	043-019-30634
Texas Pac St #2	SW/4 SW/4 Sec. 36-16S-25E	ML-4468-A	043-019-30670
Valentine Fed. #1	SE/4 SW/4 Sec. 35-16S-25E	U-38276	043-019-30639
Valentine Fed. #2	SE/4 NW/4 Sec. 34-16S-25E	U-38276	043-019-30640
Valentine Fed. #3	SE/4 SW/4 Sec. 35-16S-25E	U-38276	043-019-31009
Wall Fed. #1	NE/4 SW/4 Sec. 30-16S-25E	U-24632	043-019-30838

# Oil Springs Field

Oil Springs #5	NE/4 SW/4 Sec. 5-12S-24E	U-08424-A	043-047-15930
Oil Springs #7	SE/4 SW/4 Sec. 4-12S-24E	U-08424-A	043-047-31248
Oil Springs #10	NE/4 NE/4 Sec. 5-12S-24E	U-08424-A	043-047-31656

# Evacuation Creek Field

Evacuation Creek State A #1	NE/4 NE/4 Sec. 2-12S-25E	ML-28043	043-047-31674
Evacuation Cr. #23-2-1	NE/4 SW/4 Sec. 2-12S-25E	ML-28043	043-047-15675
Evacuation Creek State #1	SE/4 SW/4 Sec. 36-11S-25E	ML-39868	043-047-31307

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Lone Mountain Production Company

3. Address and Telephone No.

P.O. Box 3394, Billings, MT 59103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1820' FSL, 657' FWL, Sec. 28-T6S-R21E  
(NW $\frac{1}{4}$  SW $\frac{1}{4}$ )

5. Lease Designation and Serial No.  
U-34711

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Stirrup Fed. No. 28-1

9. API Well No.

43-047-31571

10. Field and Pool, or Exploratory Area

Horseshoe Bend

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Lone Mountain Production Company has assumed operations of the above referenced well effective February 22, 1993. The former operator was Marathon Oil Company.

Bond Coverage is provided by Lone Mountain's Statewide Oil & Gas BLM Bond No. UT0719.

Field Operations will be handled by our Grand Junction office.

**RECEIVED**

FEB 25 1993

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed James A. Benton

Title Petroleum Engineer

Date Feb. 22, 1993

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry into a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

RECEIVED

SUBMIT IN TRIPLICATE

MAR 22 1993

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Marathon Oil Company

3. Address and Telephone No.

P.O. Box 2690, Cody, Wyoming 82414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW3W 28-6S-21E

DIVISION OF  
OIL GAS & MINING

RECEIVED

FEB 25 1993

5. Lease Designation and Serial No.

U-34711

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Stipulation 28-1

8. Well Name and No.

See Below

9. API Well No.

See Below

10. Field and Pool, or Exploratory Area

See Below

11. County or Parish, State

See Below

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

VERNAL DIST  
ENG. 527 3 1055

GEOL.

E.S.

PET.

A.M.

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form 1)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On 2/22/93 with an effective date of October 1, 1992, Marathon Oil Company sold all of its rights, title and interests shown on Exhibits 'A' and 'B' to:

Lone Mountain Production Company  
P.O. Box 3394, 408 Petroleum Building  
Billings, Montana 59103-3394

Marathon Oil Company has emergency NTL-2B pit permits for these wells and associated operations and by copy of this sundry notice to Lone Mountain Production Company, Marathon is advising that Lone Mountain Production Company is responsible for operating the pits in compliance with NTL-2B regulations as well as all other state and federal regulations.

BLM-orig &3--cc: WRF, RDS, CLB, RPM, KJI, TITLE AND CONTR(HOU), ACCTG., CFR,  
Lone Mtn. Prod. Co.

14. I hereby certify that the foregoing is true and correct

Signed

*[Signature]*

Title Regulatory Coordinator

Date 2/23/93

(This space for Federal or State approval)

Approved by

Conditions of approval, if any:

*[Signature]*

ASSISTANT DISTRICT  
MANAGER MINERALS

Date MAR 16 1993

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

Marathon Oil Company  
Change of Operator

CONDITIONS OF APPROVAL

We have reviewed your proposal for technical adequacy and concur with the request providing the following stipulations are included as a part of the approval.

-----

1. This change of operator approval is for the following wells only:

<u>WELL NAME &amp; NUMBER</u>	<u>LEASE NUMBER</u>
Stirrup Fed. 28-1	U - 34711
Stirrup Fed. 29-2	U - 46699
Stirrup Fed. 29-3	U - 46699
Stirrup Fed. 29-4	U - 46699
Croquet Fed. 1	U - 53862
Croquet Fed. 3	U - 53862
Bridle Fed. 1	U - 47866
Bridle Fed. 2	U - 47866
Bridle Fed. 3	U - 47866
Bridle Fed. 4	U - 47866
Cracker Fed. 1	U - 54197
Cracker Fed. 2	U - 54197
Cracker Fed. 3	U - 54193
Cracker Fed. 4	U - 54196
Wells Fed. 1	U - 54198

2. The other wells as listed in the attachment to this sundry notice are denied. The reason for denial is because the wells are either in a Communitization Agreement (C.A.) or a Federal Unit or they are located outside of the Vernal District. Changes of operator for wells that are C.A.s or Federal Units needed to be filed with our BLM State Office in Salt Lake City, Utah. The changes for the other wells will need to be filed in the appropriate District or Resource Area Office.

RECEIVED

MAR 22 1993

DIVISION OF  
OIL GAS & MINING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.  
U-34711

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Stirrup Fed. No. 28-1

9. API Well No.  
43-047-31571

10. Field and Pool, or Exploratory Area  
Horseshoe Bend

11. County or Parish, State  
Uintah County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Lone Mountain Production Company

3. Address and Telephone No.  
P.O. Box 3394, Billings, MT 59103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1820' FSL, 657' FWL, Sec. 28-T6S-R21E OIL GAS & MINING  
(NW $\frac{1}{4}$  SW $\frac{1}{4}$ )

RECEIVED

MAR 24 1993

DIVISION OF

OIL GAS & MINING

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Lone Mountain Production Company has assumed operations of the above referenced well effective February 22, 1993. The former operator was Marathon Oil Company.

Bond Coverage is provided by Lone Mountain's Statewide Oil & Gas BLM Bond No. UT0719.

Field Operations will be handled by our Grand Junction office.

RECEIVED

FEB 25 1993

14. I hereby certify that the foregoing is true and correct

Signed James A. Benton Title Petroleum Engineer Date Feb. 22, 1993

(This space for Federal or State office use)

Approved by Elaine A. Johnson Title Assistant District Manager Minerals Date MAR 23 1993  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing: 0

1-LEC	7-LEC
2-DTS	
3-VLC	
4-RJF	
5-RWM	
6-ADA	

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-1-92)

TO (new operator)	<u>LONE MTN PRODUCTION CO</u>	FROM (former operator)	<u>MARATHON OIL COMPANY</u>
(address)	<u>P. O. BOX 3394</u>	(address)	<u>P. O. BOX 2690</u>
	<u>BILLINGS, MT 59103-3394</u>		<u>CODY, WY 82414</u>
	<u>phone (406) 245-5077</u>		<u>phone (307) 587-4961</u>
	<u>account no. N 7210</u>		<u>account no. N 3490</u>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 2-25-93)*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 2-25-93)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-24-93)*
- See 6. Cardex file has been updated for each well listed above. *(3-24-93)*
- See 7. Well file labels have been updated for each well listed above. *(3-24-93)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-24-93)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

# ENTITY REVIEW

- W/A* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- W/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

- W/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- W/A* 2. A copy of this form has been placed in the new and former operators' bond files.
- W/A* 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- W/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- W/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

## FILMING

- W/A* 1. All attachments to this form have been microfilmed. Date: March 28 1993.

## FILING

- W/A* 1. Copies of all attachments to this form have been filed in each well file.
- W/A* 2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

- 930316 Btm/Moab Approved some of the wells on 3-10-93 eff. 2-23-93. (see other change.)
- 930323 Btm/Vernal Approved some of the wells on 3-16-93 eff. 10-1-92. The remaining wells are unitized or under a C.A. (will be handled on separate change).
- 930324 Btm/Vernal Approved same wells on 3-23-93, operation of wells eff. 2-22-93.

**LONE MOUNTAIN PRODUCTION COMPANY**

Mailing Address:  
P.O. Box 3394  
Billings, MT 59103-3394

(406) 245-5077  
FAX 248-6321

Shipping Address:  
404 Petroleum Building  
2812 1st Avenue North  
Billings, MT 59101-2312

March 30, 1994

Utah Division of Oil,  
Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180  
Attn: Ron Firth

RE: **SUNDRY NOTICE**  
Stirrup Federal 28-1  
NWNE Sec. 28, T6S-R21E  
Uintah County, Utah

Dear Ron,

Enclosed in duplicate is a sundry notice for the referenced well. The extent of the proposed work is to temporarily abandon the Green River and Wasatch zones and to recomplete the well in the Uintah B zone as a gas producer.

Should you have any questions or comments regarding this notice, please contact me at the letterhead address.

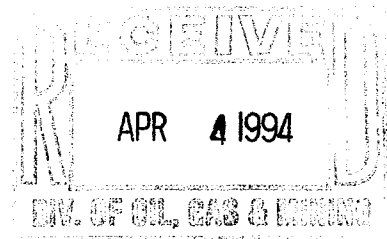
Very truly yours,

LONE MOUNTAIN PRODUCTION COMPANY



William B. Lloyd  
Petroleum Engineer

Enclosure



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		5. Lease Designation and Serial Number: U-34711
2. Name of Operator: Lone Mountain Production Company		6. If Indian, Alkotee or Tribe Name:
3. Address and Telephone Number: P.O. Box 3394 Billings, MT 59102 (406)245-5077		7. Unit Agreement Name:
4. Location of Well Footages: QQ, Sec., T., R., M.: <sup>SW</sup> NW 1/4 Sec. 28, T6S-R21E		8. Well Name and Number: Stirrup Fed 28-1
		9. API Well Number: 43-047-31571
		10. Field and Pool, or Wildcat: Horseshoe Bend
		County: Uintah State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
<p><b>NOTICE OF INTENT</b> (Submit in Duplicate)</p> <p><input type="checkbox"/> Abandonment                      <input type="checkbox"/> New Construction</p> <p><input type="checkbox"/> Casing Repair                      <input type="checkbox"/> Pull or Alter Casing</p> <p><input type="checkbox"/> Change of Plans                      <input checked="" type="checkbox"/> Recompletion</p> <p><input type="checkbox"/> Conversion to Injection                      <input type="checkbox"/> Shoot or Acidize</p> <p><input type="checkbox"/> Fracture Treat                      <input type="checkbox"/> Vent or Flare</p> <p><input type="checkbox"/> Multiple Completion                      <input type="checkbox"/> Water Shut-Off</p> <p><input type="checkbox"/> Other _____</p> <p>Approximate date work will start <u>May 1, 1994</u></p>	<p><b>SUBSEQUENT REPORT</b> (Submit Original Form Only)</p> <p><input type="checkbox"/> Abandonment *                      <input type="checkbox"/> New Construction</p> <p><input type="checkbox"/> Casing Repair                      <input type="checkbox"/> Pull or Alter Casing</p> <p><input type="checkbox"/> Change of Plans                      <input type="checkbox"/> Shoot or Acidize</p> <p><input type="checkbox"/> Conversion to Injection                      <input type="checkbox"/> Vent or Flare</p> <p><input type="checkbox"/> Fracture Treat                      <input type="checkbox"/> Water Shut-Off</p> <p><input type="checkbox"/> Other _____</p> <p>Date of work completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.</p> <p>* Must be accompanied by a cement verification report.</p>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It is proposed to pull the retrievable bridge plug & set a cast iron plug at 3950' to temporarily abandon the Green River perfs (7064'-7202') & Wasatch perfs (7584'-7617') until economically viable. The Uintah B zone will be perfed as follows: 3848'-52, 3816'-20', 3753'-55', 3689'-92', 3568'-73' & 3552'-54'. Upon successful completion, the well will be returned to production as a Uintah B gas well.

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 4-7-94

BY: W. Matthews

APR 4 1994

13. Name & Signature: William Lloyd Title: Petroleum Engineer Date: 3-30-94

(This space for State use only)

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	10182	11643	43-047-31571	STIRRUP FEDERAL 28-1	NWSW	28	6S	21E	UINTAH	RECOMPL 5-26-94	
WELL 1 COMMENTS: <b>*RECOMPL FR GR-WS/CAUSE NO. 127-3 TO UNTA PZ/GEN ST SPACING.</b>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

Title

6-24-94

Date

Phone No. ( )

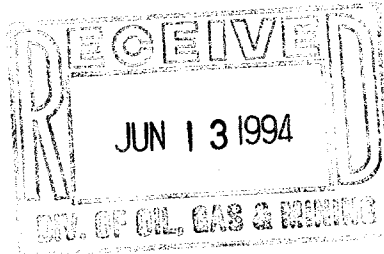
**LONE MOUNTAIN PRODUCTION COMPANY**

Mailing Address:  
P.O. Box 3394  
Billings, MT 59103-3394

(406) 245-5077  
FAX 248-6321

Shipping Address:  
100 North 27th Street  
Suite 450  
Billings, MT 59101

June 10, 1994



State of Utah  
Division of Oil, Gas & Mining  
3 Triad Center, Ste 350  
Salt Lake City, Utah 84109  
Attn: Ron Firth

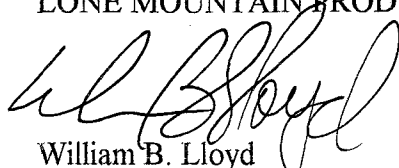
43047-31571  
RE: Well Completion Report  
Stirrup Federal #28-1  
Sec. 28, T6S-R21E  
Uintah County, Utah

Enclosed please find the Well Completion Report and Log for the referenced well recompletion submitted in duplicate.

Should you have any questions, please call.

Very truly yours,

**LONE MOUNTAIN PRODUCTION COMPANY**

  
William B. Lloyd  
Petroleum Engineer

Enclosure

cc: Joe Dyk

JUN 13 1994

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

<b>1. TYPE OF WELL:</b> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____ <b>2. TYPE OF COMPLETION:</b> NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> DIFF. RECVR. <input checked="" type="checkbox"/> Other _____ <b>3. NAME OF OPERATOR</b> Lone Mountain Production Company <b>4. ADDRESS OF OPERATOR</b> P. O. Box 3394 Billings, MT 59103 <b>5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)</b> At surface 1820' FSL 657' FWL At top prod. interval reported below At total depth Same						<b>6. LEASE DESIGNATION AND SERIAL NO.</b> U-34711	
						<b>7. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>  <b>8. UNIT AGREEMENT NAME</b>  <b>9. FARM OR LEASE NAME</b> Stirrup Federal	
<b>10. WELL NO.</b> 28-1 /						<b>11. FIELD AND POOL, OR WILDCAT</b> Horseshoe Bend	
<b>12. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA</b> Sec. 28, T6S-R21E						<b>13. COUNTY</b> Uintah	
<b>14. API NO.</b> 43-047-31571						<b>15. DATE ISSUED</b> 11-9-84	
<b>16. DATE SPUNDED</b> 5-23-94		<b>17. DATE T.D. REACHED</b> 5-26-94		<b>18. DATE COMPL. (Ready to prod.)</b> 5-26-94 (Plug & Abd.)		<b>19. ELEVATIONS (DF, RES, RT, CR, ETC.)</b> 4961' GR	
<b>20. TOTAL DEPTH, MD &amp; TVD</b> 7800'		<b>21. PLUG BACK T.D., MD &amp; TVD</b> 3950'		<b>22. IF MULTIPLE COMPL., HOW MANY</b>  		<b>23. INTERVALS DRILLED BY</b> 0-TD	
<b>24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)</b> 3552'-3852': Uintah 'B'						<b>25. WAS DIRECTIONAL SURVEY MADE</b> No	
<b>26. TYPE ELECTRIC AND OTHER LOGS RUN</b> None						<b>27. WAS WELL CORED</b> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) <b>DRILL STEM TEST</b> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)	
<b>28. CASING RECORD (Report all strings set in well)</b>							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		24		418'		12 1/4"	
5 1/2"		17		7798'		7 7/8"	
				Cementing Record			
				Circ. to surface			
				1st stage: 725 sx RFC 10-0			
				2nd stage: 300 sx Hi-Lift			
				825sx RFC 10-0			
<b>29. LINER RECORD</b>							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT	
<b>30. TUBING RECORD</b>							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		3486.69'					
<b>31. PERFORATION RECORD (Interval, size and number)</b> Uintah 'B': 3552'-54', 3568'-73', 3689'-92', 3753'-55', 3816'-20', 3848'-52' 2 JSPF, 46 holes, 0.47" dia.							
<b>32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.</b>							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
<b>33. PRODUCTION</b>							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5-29-94		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
5-3-94	24	7/64	→		160		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
600 psi	920 psi (FCP)	→		160			
<b>34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)</b> Sold						<b>TEST WITNESSED BY</b>  	
<b>35. LIST OF ATTACHMENTS</b> None							
<b>36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records</b> SIGNED <u>[Signature]</u> TITLE <u>PETROLEUM ENGINEER</u> DATE <u>6-10-94</u>							

See Spaces for Additional Data on Reverse Side



## INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.		38. GEOLOGIC MARKERS	
Formation	Top Bottom	Name	Meas. Depth True Vert. Depth
See original Completion Report			

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 9 of 9

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

SUSAN GUFFEY  
 LONE MTN PRODUCTION CO  
 PO BOX 3394  
 BILLINGS MT 59103-3394

UTAH ACCOUNT NUMBER: N7210

REPORT PERIOD (MONTH/YEAR): 6 / 96

AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ 4304731571	STIRRUP FEDERAL 28-1 ✓	11643 06S 21E 28	UNTA			434711		
4301931351	FEDERAL 9	11648 16S 26E 17	DKTA					
4301931031	BMG FEDERAL A 1 (RE-ENTRY)	11650 16S 26E 9	DKTA					
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

## OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1-DEC	6-DEC
2-GLH	7-KDR
3-DTS	8-SJ
4-VLD	9-FILE
5-RJF	

- ☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 8-1-96

TO: (new operator) ROSEWOOD RESOURCES INC  
 (address) 100 CRESCENT COURT #500  
DALLAS TX 75201

Phone: (214) 871-5718

Account no. N7510

FROM: (old operator) LONE MTN PRODUCTION CO  
 (address) PO BOX 3394  
BILLINGS MT 59103-3394

Phone: (406) 245-5077

Account no. N7210

WELL(S) attach additional page if needed:

Name: <u>**SEE ATTACHED**</u>	API: <u>43-7-31571</u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u></u>
Name: <u></u>	API: <u></u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u></u>
Name: <u></u>	API: <u></u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u></u>
Name: <u></u>	API: <u></u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u></u>
Name: <u></u>	API: <u></u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u></u>
Name: <u></u>	API: <u></u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u></u>
Name: <u></u>	API: <u></u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u></u>

## OPERATOR CHANGE DOCUMENTATION

- Yes 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 8-7-96)*
- Yes 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 8-7-96)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no)  If yes, show company file number:
- Yes 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(8-29-96)*
- Yes 6. Cardex file has been updated for each well listed above.
- Yes 7. Well file labels have been updated for each well listed above.
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc.
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

### BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_, as of today's date \_\_\_\_\_. If yes, division response was made to this request by letter dated \_\_\_\_\_.

### LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

### FILMING

- Yes 1. All attachments to this form have been microfilmed. Today's date: 9/18/96.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

### COMMENTS

960829 Btm/Vernal Aprx. 8-26-96.

**LONE MOUNTAIN PRODUCTION COMPANY**

Mailing Address:  
P.O. Box 3394  
Billings, MT 59103-3394

(406) 245-5077  
FAX 248-6321

Shipping Address:  
100 North 27th Street  
Suite 650  
Billings, MT 59101

August 7, 1996

Lisha Cordova  
Utah Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

**VIA FAX: 1-801-359-3940**

**RE: RESIGNATION OF OPERATOR  
VARIOUS WELLS  
UINTAH COUNTY, UTAH**

Dear Lisha:

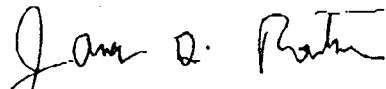
Pursuant to your telephone conversation with Carolyn George this afternoon, attached is a list of federal wells previously operated by Lone Mountain Production Company in the referenced county.

Lone Mountain has resigned as operator of the aforementioned wells and accepts the transfer of operations to Rosewood Resources, Inc., effective August 1, 1996.

Should you have any questions or need further information please contact our office at the letterhead address or phone number.

Sincerely,

LONE MOUNTAIN PRODUCTION COMPANY



James G. Routson  
President

Attachment

## UTAH FEDERAL WELLS

VERNAL BLM DISTRICT

<u>Well</u>	<u>Lease No.</u>	<u>Location</u>
Shuffleboard Federal No. 1	U-31255	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 27: T6S-R21E
Stirrup Federal No. 28-1	U-34711	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 28: T6S-R21E
Football Federal No. 29-4	U-46699	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 29: T6S-R21E
Croquet Federal No. 1	U-53862	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 35: T6S-R21E
Croquet Federal No. 2	U-53862	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 35: T6S-R21E
Croquet Federal No. 3	U-53862	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 35: T6S-R21E
Bridle Federal No. 1	U-47866	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 34: T6S-R22E
Bridle Federal No. 2	U-47866	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 34: T6S-R22E
Bridle Federal No. 3	U-47866	SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 34: T6S-R22E
Bridle Federal No. 4	U-47866	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 34: T6S-R22E
Cracker Federal No. 1	U-54197	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 8: T11S-R23E
Cracker Federal No. 2	U-54197	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 8: T11S-R23E
Cracker Federal No. 3	U-54193	SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 5: T11S-R23E
Cracker Federal No. 4	U-54196	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 7: T11S-R23E
<del>Marble Mansion Unit No. 1</del>	U-54201	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 18: T11S-R23E
Oil Springs Unit No. 5	U-08424-A	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 5: T12S-R24E
Oil Springs Unit No. 7	U-08424-A	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 4: T12S-R24E
Oil Springs Unit No. 10	U-08424-A	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 5: T12S-R24E

**UTAH FEDERAL WELLS***(Rosewood Resources, Inc. assumes operations effective August 1, 1996)***BLM VERNAL DISTRICT**

<b>No.</b>	<b>WELL NAME</b>	<b>LEASE NO.</b>	<b>LOCATION in Uintah County</b>
1)	<del>Shuffleboard Fed. No. 1</del>	U-31255	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 27-T6S-R21E
2)	<del>Stirrup Fed. No. 28-1</del>	U-34711	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-T6S-R21E
3)	<del>Football Fed. No. 29-4</del>	U-46699	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-T6S-R21E
4)	<del>Croquet Fed. No. 1</del>	U-53862	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-T6S-R21E
5)	<del>Croquet Fed. No. 2</del>	U-53862	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 35-T6S-R21E
6)	<del>Croquet Fed. No. 3</del>	U-53862	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-T6S-R21E
7)	<del>Bridle Fed. No. 1</del>	U-47866	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-T6S-R22E
8)	<del>Bridle Fed. No. 2</del>	U-47866	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-T6S-R22E
9)	<del>Bridle Fed. No. 3</del>	U-47866	SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-T6S-R22E
10)	<del>Bridle Fed. No. 4</del>	U-47866	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-T6S-R22E
11)	<del>Cracker Fed. No. 1</del>	U-54197	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 08-T11S-R23E
12)	<del>Cracker Fed. No. 2</del>	U-54197	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 08-T11S-R23E
13)	<del>Cracker Fed. No. 3</del>	U-54193	SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 05-T11S-R23E
14)	<del>Cracker Fed. No. 4</del>	U-54196	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 07-T11S-R23E
15)	<del>Marble Mansion Unit #1</del>	U-08424-A	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-T11S-R23E
16)	<del>Oil Springs Unit #5</del>	U-08424-A	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 05-T12S-R24E
17)	<del>Oil Springs Unit #7</del>	U-08424-A	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 04-T12S-R24E
18)	<del>Oil Springs Unit #10</del>	U-08424-A	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 05-T12S-R24E



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

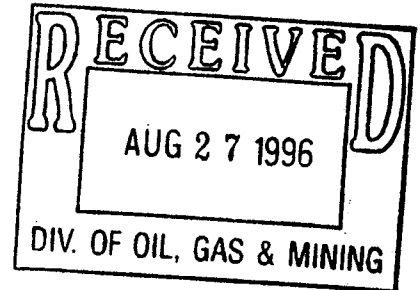
Phone: (801) 781-4400  
Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3  
UT08300

August 26, 1996

Rosewood Resources, Inc.  
Attn: Janet Hambright  
100 Crescent Court, Suite 500  
Dallas, TX 75201



Re: Well No. Stirrup Federal 28-1  
NWSW, Sec. 28, T6S, R21E  
Lease U-34711  
Uintah County, Utah

Dear Ms. Hambright:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Rosewood Resources, Inc. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. MT0627, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager  
Minerals Resources

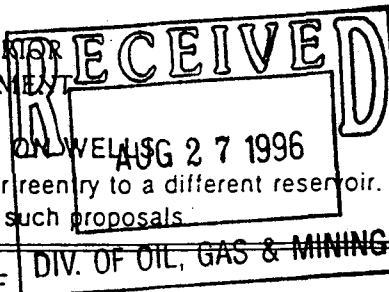
cc: Lone Mountain Production Company  
~~Division of Oil, Gas & Mining~~  
Best Exploration Inc.  
DJ Investment Co.  
Marceil Fees Trust  
J&K Properties Inc.  
Snyder Oil Corp.  
John W. Warner

Don F. Bradshaw Trust  
W S Fees Jr Trust  
Harold B. Holden  
Morgan Marathon Ltd.  
T-K Production Co.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires March 31, 1993



SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Rosewood Resources, Inc.

3. Address and Telephone No.

100 Crescent Court, Suite 500, Dallas, TX 75201 (214) 871-5700

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1820' FSL, 657' FWL, Section 28: T6S-R21E  
(NW $\frac{1}{4}$ SW $\frac{1}{4}$ )

5. Lease Designation and Serial No.

U-34711

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Stirrup Fed. No. 28-1

9. API Well No.

43-047-31571

10. Field and Pool, or Exploratory Area

Horseshoe Bend

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Rosewood Resources, Inc. has assumed operation of the above referenced well effective August 1, 1996. The former operator was Lone Mountain Production Company.

Bond Coverage is provided by Rosewood's Nationwide Oil & Gas Bond No. MT0627.

VERNAL DIST.

ENG. ENR

GEOL. \_\_\_\_\_

E.S. \_\_\_\_\_

PET. \_\_\_\_\_

A.M. \_\_\_\_\_

RECEIVED

AUG 31 1996

14. I hereby certify that the foregoing is true and correct

Signed [Signature]

Title Production Engineer

Date August 1, 1996

(This space for Federal or State office use)

[Signature]  
Assistant Field Manager

Approved by [Signature]  
Conditions of approval, if any:

Title Mineral Resources

Date AUG 26 1996

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-34711
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> ROSEWOOD RESOURCES INC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> PO Box 1668 , Vernal , UT, 84078		<b>8. WELL NAME and NUMBER:</b> STIRRUP FEDERAL 28-1
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1820 FSL 0657 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 28 Township: 06.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047315710000
<b>PHONE NUMBER:</b> 435 789-0414 Ext		<b>9. FIELD and POOL or WILDCAT:</b> HORSESHOE BEND
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 11/21/2015  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input checked="" type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION         </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please change this well to shut in status. It was shut in on 11/21/2015 due to economic instability. Thank you Jill		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> January 06, 2016		
<b>NAME (PLEASE PRINT)</b> Jill Henrie	<b>PHONE NUMBER</b> 435 789-0414	<b>TITLE</b> Administravtive Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/5/2016	